The
CHEMIST AND DRUGGIST

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NOVEMBER 5, 1932

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Index to Advertisers, pp. 5 & 6.

MENTHOLATED
BRONCHIAL
LOZENGES

A SEASONABLE LINE APPLY FOR SPECIAL TERMS

m.R.P. 1/-

PARKE, DAVIS & CO., BEAK ST., LONDON, W. 1.

RANGE

QUININE

WINE

HIRST & BROOKE

ORIGINAL MANUFACTURERS

Made with Orange Wine fermented in our own cellars

HIRST, BROOKE & HIRST, LTD.

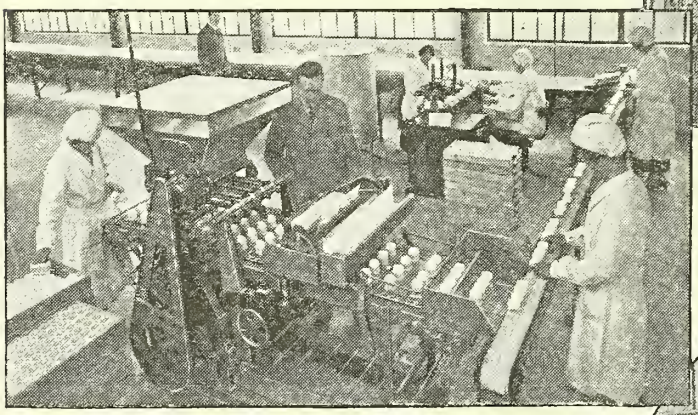
Sheepscar Works - - - LEEDS

'Phone : 20374 (4 lines)

POND'S FACTORY *at* PERIVALE

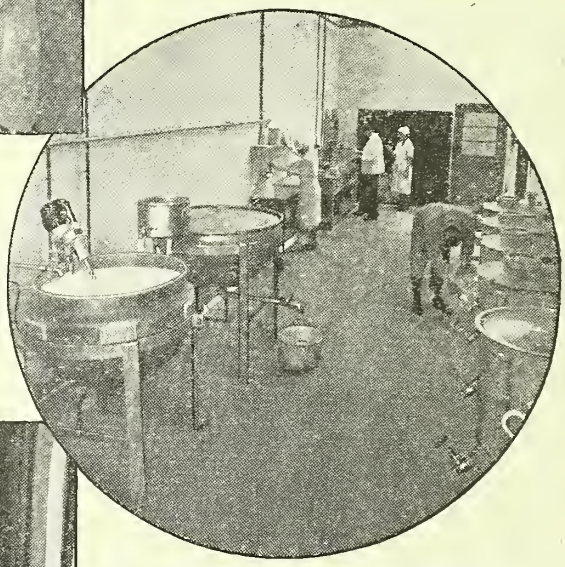
MIDDLESEX

A Corner of the Finished Goods Department. Here goods are stored in readiness for despatch. Special arrangements are made for immediate delivery, so that Pond's Preparations reach the customer in the freshest possible condition.

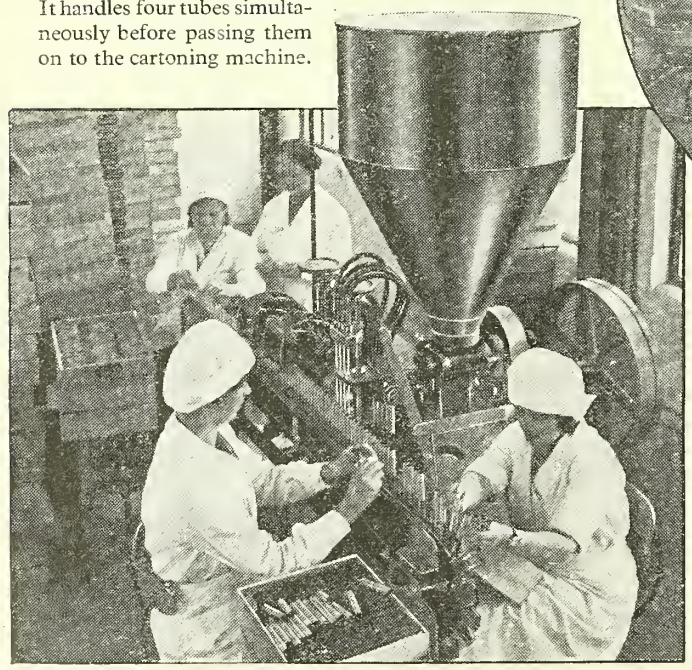


Filling jars with Pond's Cold Cream and Vanishing Cream. These machines are the newest models, and can jointly handle 6,000 jars per hour. When filled, the jars are passed to a belt, and thence carefully examined before being capped.

Tube filling with Pond's Cold Cream and Vanishing Cream. The machine below fills and closes 8,700 tubes per hour. It handles four tubes simultaneously before passing them on to the cartoning machine.



Section of Pond's Laboratory. Here Pond's creams are prepared and mixed. On the left you see the mixing kettles with a capacity of 400 lbs. weight each. On the right are the storage tanks which hold perfume.



All Pond's Products are British-made. Address all orders to your wholesaler, or write direct to POND'S EXTRACT COMPANY, Perivale, Greenford, Middlesex.

New designs in

COTY COFFRETS for Christmas

Coffret No. 32D
Retail price, 4/6

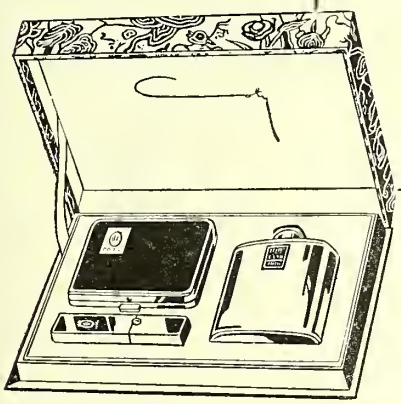
These are delightful and colourful gift boxes which are sure to appeal to your customers. They are designed to help the attractiveness of your windows and are extremely moderate in price.

NOW IS THE TIME to place your order for these and other Coty Gift lines.

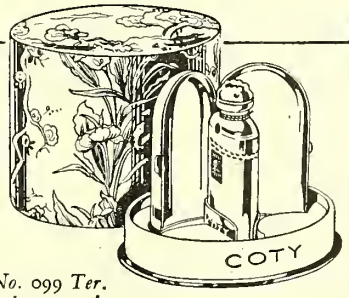
Come to Coty House and see the range of suggested Window Displays. Choose the set which you like best and it will be delivered to you on the date required.

Coffret No. 32E
Retail price, 6/6

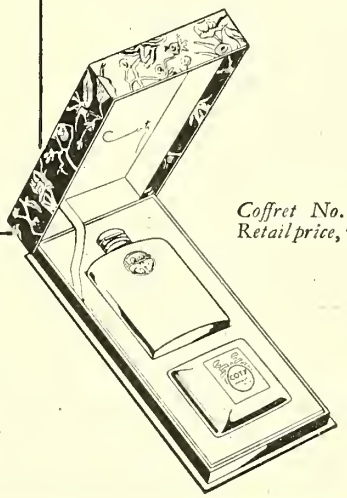
Coffret No. 1.
Retail price, 3/6



Coffret No. 24
Retail price, 12/6



Coffret No. 099 Ter.
Retail price . . 6/9



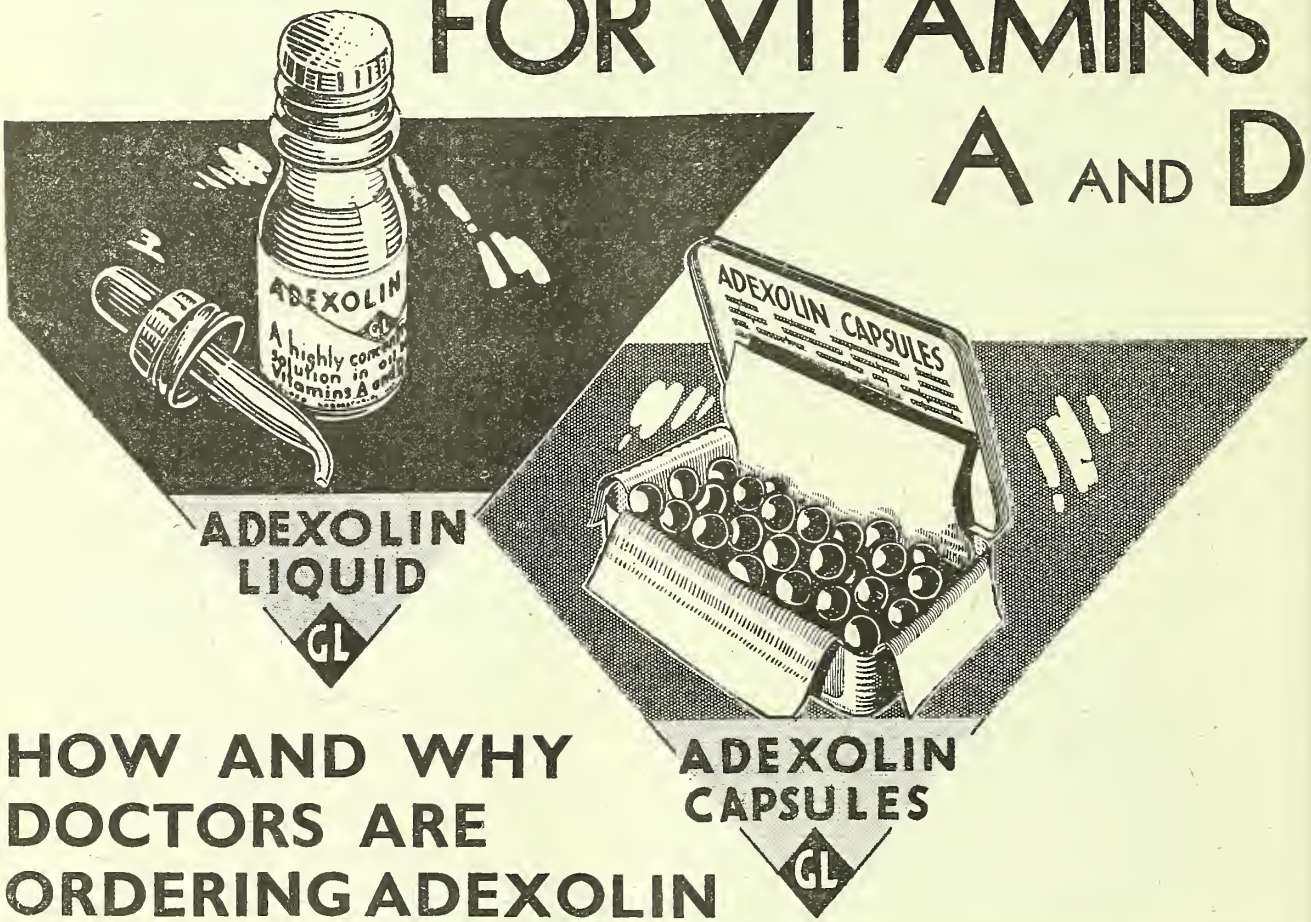
Coffret No. 33
Retail price, 10/6

Coty House, 3, Stratford Place, London. W.1. ***Telephone: Mayfair 7244-49*** ***Telegrams: Paricoty, Phone, London.***

GO HAND-IN-HAND WITH COTY THIS CHRISTMAS—*IT WILL PAY YOU!*

C.F.H. 258

THE NEW VOGUE FOR VITAMINS A AND D



HOW AND WHY DOCTORS ARE ORDERING ADEXOLIN

Vitamin treatment is no longer a fad—it is a fact.

Vitamin deficiencies of ordinary diet can, and should, be treated by special concentrates—in particular, those of vitamins A and D.

At one time these vitamins were available only in cod-liver oil. Now, in Adexolin, they are presented together as definite therapeutic substances, suitable for the prophylaxis and treatment of a wide range of conditions—particularly all epithelial infections.

Since a high percentage of your customers require remedies for coughs, colds, influenza and other affections of the respiratory tract, the value of Adexolin as a winter selling preparation is evident.

PRODUCTS OF GLAXO LABORATORIES

GL

ADEXOLIN CAPSULES
ADEXOLIN LIQUID
OSTELIN TABLETS
OSTELIN LIQUID
OSTOMALT
OSTELIN EMULSION
SUNSHINE GLAXO
GLAX-OVO
GLUCOSE-D
etc., etc.

ADEXOLIN

LIQUID—A tasteless and inodorous high concentrate of vitamins A and D. Each cc. has the vitamins A and D potency of 20 cc. of high-grade cod-liver oil.
8 cc. phials (with dropper), 2/6.
2-oz. bottles, 12/6.

CAPSULES—A highly concentrated preparation of vitamins A and D. Each 3 m. capsule has the vitamins A and D potency of 10 grams of high-grade cod-liver oil.
Boxes of 25, reduced to 2/9.
Boxes of 100, reduced to 8/6.

GLAXO LABORATORIES, 56 OSNABURGH STREET, LONDON, N.W.1

INDEX TO ADVERTISERS

Aerograph Co., Ltd. (DeVilbiss Sprays, &c.) 16
Anadin, Ltd. (Anodyne Compound Tablets) vi
Anvers Food Co. (Children's Food) .. xvii
Association of Manfg. Chemists, Ltd. Col. Supp.
Ayer, Harriet Hubbard, Ltd. (Toilet Preparations) 25
Ayrton, Saunders & Co., Ltd. (Wholesale Druggists) 15

Baiss Bros. & Co., Ltd. (Cod Liver Oil Emulsion) xiv
Battle, J. C. M. (Vermin Killer) xxii
Beechams Pills, Ltd. (Pills and Powders) x
Bell, John, Hills & Lucas, Ltd. (Pharm. Preps.) ..... Leader Page
Berdoe & Fish, Ltd. (Valuers, &c.) Col. Supp.
Berman, A., & Sons (Rubber Goods) xviii
Birley's Antacid, Ltd. (Indigestion Remedy) vi
Blackie, R. (Spun Ointments) xii
Blackmore, Howard & Metherell, Ltd. (Powder Boxes) 16
Blythe, W., & Co., Ltd. (Chemicals) iii
Bob Martin, Ltd. (Dog Remedies) .. xxiii
Brierley, John (Valuer, &c.) .. Col. Supp.
Britannia Laboratories, Ltd. (Snow) 18-19
British Drug Houses, Ltd. (Radio Malt) 34
British Thomson-Houston Co., Ltd. (Mazda Lamps) 32
Britton, Malcolm & Waymark, Ltd. (Sankey Autoclave) 12
Burge, Warren & Ridgley, Ltd. (Surgical Rubber Goods) xviii
Burrough, James, Ltd. (Alcobol) Leader Page
Burroughs Wellcome & Co. (Photographic Exposure Calculator) 33
Burt, Boulton & Haywood, Ltd. (Disinfectants) 6

Cephos, Ltd. (Headache Remedy) .. viii
Christy, T., & Co. (Cachet Machines) 32
Clark, S. F. (Valuer, &c.) .... Col. Supp.
Clarocit Co., Ltd. (Moisture Preventer) xxii
Constipon Tablets ii
Corn Products Co., Ltd. (Dextrosol Brand Glucose) xiv
Coty (England), Ltd. (Toilet Preps.) 3
Cox, A. H., & Co., Ltd. (Zim Series) Cover
Crookes Laboratories (Halibut Liver Oil) vi
Cupal, Ltd. ("Secto") 7

Dominion Steel Corporation, Ltd. (Razor Blades) 16
Dubarry Perfumery Co., Ltd. (Toilet Preps.) 16A-16B
Dudley & Co., Ltd. (Christmas Showcards, &c.) 16-xx
Duncan, Flockhart & Co. (Chloroform) ii

Edge, W., & Sons, Ltd. (Drummer Dyes) xxii
Edwards, Wm., & Sons ("Rainbow" Bath Crystals) 20
English Grains Co., Ltd. (Yestamin) xvi
Esperis (Eau de Cologne Essence) Leader Page
Evans Sons Lescher & Webb, Ltd. (Thyroid B.P. 1932, &c.) 13

Freudentheil, Smith & Co. (C.L.O.) . 32

Gardiner & Co. (The Scotch House), Ltd. (Overalls) xxii
Gelty Distributing Co. (W.5. Tablets) 24
George, Ernest J. (Valuer, &c.) Col. Supp.
Glaxo Laboratories (Adexolin Capsules, &c.) 4
Glycerine, Ltd. ii
Gollin & Co. Pty., Ltd. (Aspro) ix
Goodall, Backhouse & Co. (Service) .. xiii
Granville Wood & Co. (Ballroom Floor Polish) 27
Grout & Co., Ltd. (Crêpe Bandages) xix

Hackett, S. E. (Film Overstocks) Col. Supp.
Hampshire, F. W., & Co. (1927), Ltd. (Snowfire Cream) viii
Harley, T. (Rodine) xxii
Hirst, Brooke & Hirst, Ltd. (Orange Quinine Wine) 1
Hough, Hoseason & Co., Ltd. (Nalgo Antiseptic, etc.) 5

Iglodine Co., Ltd. (Iglodine) iv
International Chemical Association (Renipas) iv
Iron Jelloid Co., Ltd. (Iron Jelloids) xii

Jackel et Cie (of Paris), Ltd. (Hair Cream, &c.) 16
Jackson, Ernest, & Co., Ltd. (Lozenges, &c.) iv
Jeuvan Distributing Co. (Vamont Perfumery) 23
Johnson & Sons Manufacturing Chemists, Ltd. (Fine Chemicals, &c.) iii
Joint Council of Qualified Opticians Col. Supp.
Josephs, Philip, & Sons (Shopfittings) Col. Supp.

[*Continued overleaf.*

EUREKA !!!

We have found them !!!

TWO LINES OF MERIT WORTHY OF YOUR CAREFUL ATTENTION

NALGO, a new Antiseptic suitable for every purpose and occasion. NALGO makes pain go in a few minutes. Inflammation soon subsides after teeth extraction, Burns, Scalds, Wounds, etc.

NALGO, the safe Gargle for all Throat conditions.

Elegantly packed, it retails at 10½d. and 1/6.

May we send you a sample dozen, together with Show material, for 7/6 or 13/-, according to size.

BEUTONE TONIC REDUCING BATH SALTS. The finest, most efficient and elegant "Slimming" Salts ever produced. Give Beauty and tone to the female figure. The ideal remedy for Obesity. The Tonic and Soothing effect of BEUTONE, apart from its "Reducing" action, will ensure its instant success. Here is something the public have been waiting for—a Turkish Bath in their own home, for 1½d. Daintily packed, retails at 9d. and 1/6. May we send you a sample dozen, together with Show material, for 6/9 or 13/-.

TRADE ENQUIRIES INVITED

HOUGH, HOSEASON & CO. LTD.

Manufacturing Chemists

2 BRIDGE STREET, MANCHESTER

INDEX—cont.

Kalisky, S. (Aldgate), Ltd. (Tim Blades) 12
Kent, G. B., & Sons, Ltd. (Brushes) 20
King, J. C., Ltd. (Window Dressing Papers) 32
Kraska Co., Ltd. (Kraskol Deodorant) 27
Krusto, Ltd. (MacLean's Powder, etc.) 30

Lightbown, J. W., & Sons, Ltd. (Grips Pastilles) vii
Lysol, Ltd. (Marshall's Lysol) xi

McGlashan, D., Ltd. (Abdine) xvi
Mandall & Co., Ltd. (Licoricine) xiv
Martin, Bob, Ltd. (Dog Preparations) xxiii
Matthews, D., & Son (Shopfittings) Col. Supp.
Matthews Laboratories, Ltd. (Digitalis) .....Leader Page
Maund, F., & Berg, E., Ltd. (Showcases) ..... xviii and Col. Supp.
Maw, S., Son & Sons, Ltd. 11
Medway Corrugated Paper Co., Ltd. (Corrugated Papers, &c.) 28
Meggeson & Co., Ltd. (Iodised Throat Lozenges) i
Menley & James, Ltd. (Pyridium) vii
Midgley & Parkinson, Ltd. (Yeast Preps.) xvi
Molson Ionized Iodine Co., Ltd. Leader Page
Monsanto Chemical Works, Ltd. (Chemicals) ..... Cover
Mundet Cork Products, Ltd. (Bakelite Stoppers, &c.) 26
Myers, E. J. (Shopfittings) .. Col. Supp.

Nestlé & Anglo-Swiss Condensed Milk Co. (Lactogen) xv
Newball & Mason, Ltd. (Extract of Herbs) xvi
Norwegian Cod Liver Oil xxiv
Numol, Ltd. (Bonus Offer) 27

Oiley, C., & Sons, Ltd. (Corks) xx
Orridge & Co. (Valuers, &c.) Col. Supp.
Owl Advertising & Photographic Service 12

Pam Manfg. Co., Ltd. (Sanitary Pads) 32
Parke, Davis & Co. (Bronchial Lozenges) ..... Cover
Phillips Yeast Products, Ltd. (Phillips Yeast) 8-9
Pond's Extract Co. (Cold Cream, &c.) 2
Potter & Clarke, Ltd. (Wholesale Druggists) 31
Prideaux's, Ltd. (English Dried Milk) 30

Roberts & Sheppey, Ltd. (MelRose) .. 30
Robinson & Sons, Ltd. (Perfumery Boxes) xx
Roger & Gallet (London), Ltd. (Perfumery) 17
Rudduck & Co. (Shopfittings) Col. Supp.

Sangers, Ltd. (Glymiel Jelly) 14
Scruton, O., & Co. (Nurse Harvey's Mixture) 26
Scurr, C. A. (Optical Tuition) 26
Shadcine Co. (Hair Dyes) 32
Sidac Silverine Co. (Wrapping) xviii
Silks Toilet Co. (Silkodoso) 20
Smith, T. & H., Ltd. (Alkaloids) . Cover
Solazzi (Liquorice) ii
Solport Bros., Ltd. (Powder Puffs) .. 24
Southall Bros. & Barclay, Ltd. (Cod Liver Oil, etc.) 10-xviii
Stemco, Ltd. (Forhans for the Gums) 22
Sterns, Ltd. (Oils, Petroleum) viii
Stewart, Goodall & Dunlop, Ltd. (Nuctone) 20

Taylor, Edward, Ltd. (Flexoplast Adhesive Bandage) xix
Tenz Manfg. Co. (Deodorant Tablets) 32
Thompson & Capper Wholesale, Ltd. ("Sustenoid" Yeast Tablets) 29
Thurley, G. E., & Son (Liquid Paraffin) vi
Tomlinson & Hayward, Ltd. (Animal Cod Liver Oil) ..... Leader Page
Townson & Mercer, Ltd. 26
Town Talk Polish Co. (Liquid Silver Polish) 26
T.P. Company (Hand Cleaner) xix

Veldt Laboratory, The ("Veldt" Cream) 12
Viggormalt, Ltd. (Malt Extract and Hops) xvi
Vinolia Co., Ltd. (Vinolia Gifts) 21
Viscose Development Co., Ltd. (Bottle Capping) xxi

Wagner, R. V. (Bottle Caps) xx
Westminster College of Pharmacy .. 26
Whiffen & Sons, Ltd. (Bromides) v
White, Tomkins & Courage, Ltd. (Ionones) iii
Wilcox, Jozeau & Co. (Foreign Proprietaries) ..... Leader Page
Wilkinson, James F. (Printing) 30
Wilson & Mansfield (Eucalyptus Oil) iv
Wood Bros. Glass Co., Ltd. (Glassware) xxi

Zeal, G. H., Ltd. (Clinicals) xix

When you tender for **Disinfectants**

to Hospitals, Public Institutions, Local Councils, &c.

REMEMBER that

Burt, Boulton & Haywood LTD.

give you special terms for contracts.

Carbolic Disinfecting Fluids containing 3% to 80% Tar Acids.
White Disinfecting Fluids—miscible in salt, fresh or brackish water Co-efficients 10/12, 18/20, 20/22.
Lysol 50% Cresols guaranteed. Pine Disinfecting Fluids.
Pink Carbolic Disinfecting Powders containing 5% to 20% Tar Acids.
Creosote Disinfecting Powders containing 5% to 20% Tar Acids.

Carbolic Disinfecting Fluids Rideal Walker Co-efficients 2 to 20
Liquid Carbolic and Cresylic Acid Dark 95/97% and Pale 97/99%.
Sulphur Candles. Formaldehyde (Formalin) 40% Solution.
Formaldehyde (Formalin) Tablets. Liquid Soap.
SOLUBLE Carbolic or Pine Blocks for road watering vans.
Carbolic Weed Killer, etc.

Tar Acids and Rideal Walker Co-efficiency guaranteed. May be sold by Chemists and Druggists under own name.

Special Disinfectant Fluids approved by the Ministry of Agriculture under the "Diseases of Animals Acts." May be packed and sold by Chemists under own name.

SAMPLES AND PRICES ON APPLICATION TO

BURT, BOULTON & HAYWOOD LTD. SALISBURY HOUSE, LONDON WALL, E.C.2

THE CHEMISTS' MOST POPULAR INSECT POWDER

Advertising Slogan
"GET IT FROM YOUR CHEMIST"

SECTO

SECTO

SELL "SECTO" THIS SEASON
——IT PAYS

RETAIL
4d. 6d. 1/- 3/- & 5/-
TINS

Liberal Trade Terms
Excellent Showmatter

CUPAL LTD.
Manufacturing Chemists
BLACKBURN

'Phone: Blackburn 6073

'Grams: "Cupal, Blackburn."

An open letter to Chemists

The the

Please address all communications to the Company.

PUBE STATION: NORTH ACTON (CENTRAL LONDON RLY.)

WORKS & LABORATORIES:- NORTH ACTON, LONDON AND ARMLEY, LEEDS.

PHILLIPS YEAST PRODUCTS LIMITED

PARK ROYAL ROAD
LONDON, N.W.10

DIRECTORS:- W.W. PHILLIPS. F. J. FRACIS. C. E. PETTIT. L. E. PARSONS, F.C.A. R. P. POUNTNEY.

TELEPHONE: WILLESDEN 2124 (3 LINES). TELEGRAMS: YEAPRO, PHONE, LONDON.

To the Retail Chemists of
Great Britain & Northern Ireland.

PHILLIPS PURE LIVE YEAST

Dear Sirs,

In introducing to your notice the Window Display Offer made on the next page, we specially ask your co-operation.

Our Advertising Campaign, which will be on a LARGE SCALE and WELL SUSTAINED, starts on the 1st December with a full page in the Daily Mail and large spaces in:-

Daily Express
News Chronicle
Daily Herald
Daily Sketch
Evening Standard
News of the World
Sunday Pictorial
People
Radio Times
John Bull
etc. etc.

with a total sales-circulation of more than 20 MILLIONS OF PEOPLE each week.

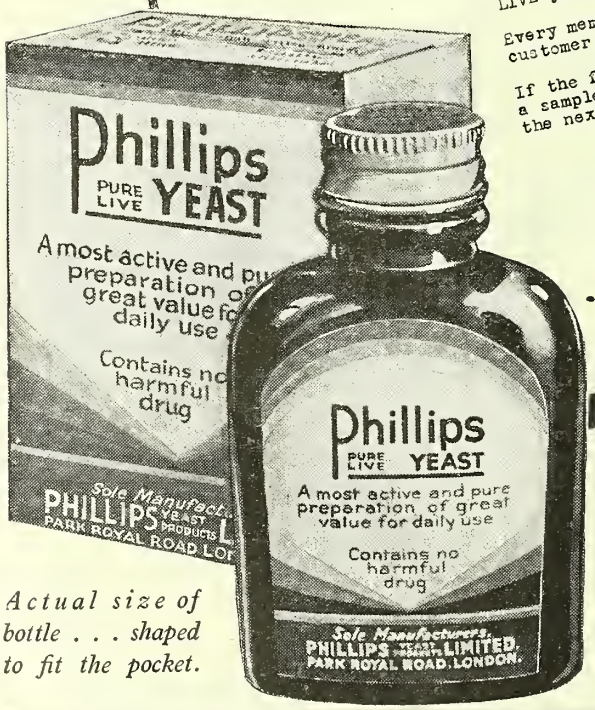
With the assistance of Window Displays, PHILLIPS YEAST will be known throughout the length and breadth of the land. Powerful advertising - and the fact that PHILLIPS YEAST is the purest form of LIVE yeast - ensures its universal demand.

Every member of the public is a prospective customer for PHILLIPS YEAST.

If the full-size 1/3 bottle we are sending you, as a sample free of charge, does not arrive within the next few days, please send us a postcard.

Yours faithfully,
PHILLIPS YEAST PRODUCTS LTD.,

MANAGING DIRECTOR.



Actual size of bottle . . . shaped to fit the pocket.

★ **20,000,000** *People will read about ...*

Phillips

BE READY TO REAP THE BENEFIT

Mighty Voice of National Press

will ensure instant results and maintain all-the-Year-round Sales for

Phillips PURE LIVE Yeast

WINDOW DISPLAY TERMS

SPECIAL BONUS TERMS are offered for 14 days' window display of **Phillips Yeast.** Link up with **Phillips National Advertising Campaign** by displaying Phillips Yeast in your window...and take advantage of the

EXTRA PROFITS

No. 1 PARCEL

4 DOZEN . . . 1/3 size bottle to be charged as 3½ dozen @ 12/- per dozen - **£2 2 0**

This means 7/6 Extra Profit.

No. 2 PARCEL

7 DOZEN . . . 1/3 size bottle to be charged as 6 dozen @ 12/- per dozen - **£3 12 0**

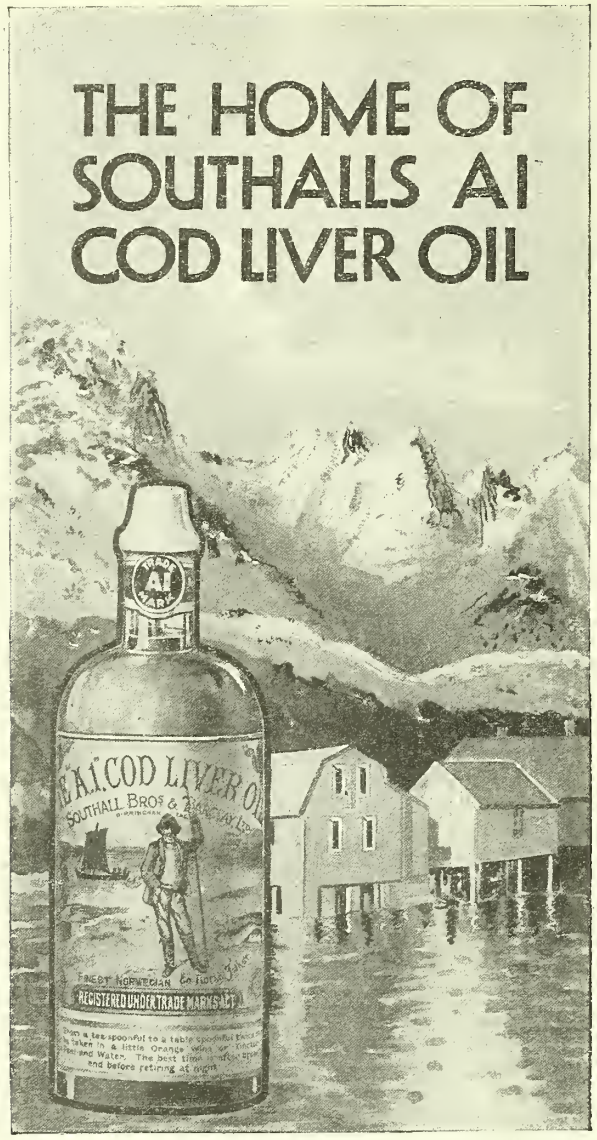
This means 15/- Extra Profit.

(Bonus parcel may be ordered through your usual wholesaler)
Smaller quantities do not qualify for bonus
. . . . kindly order through your wholesaler.

PHILLIPS YEAST PRODUCTS LIMITED
PARK ROYAL ROAD, LONDON, N.W.10

PURE LIVE Yeast

OF OUR WIDE-SPREAD ADVERTISING !



SEPTEMBER
1931
SALES
BEATEN
BY
SALES DURING
SEPTEMBER
1932

STILL
THE
BEST

AS IT WAS
OVER 60 YEARS
AGO

BOOK YOUR
CONTRACT
NOW

IDEAL GEOGRAPHICAL POSITION

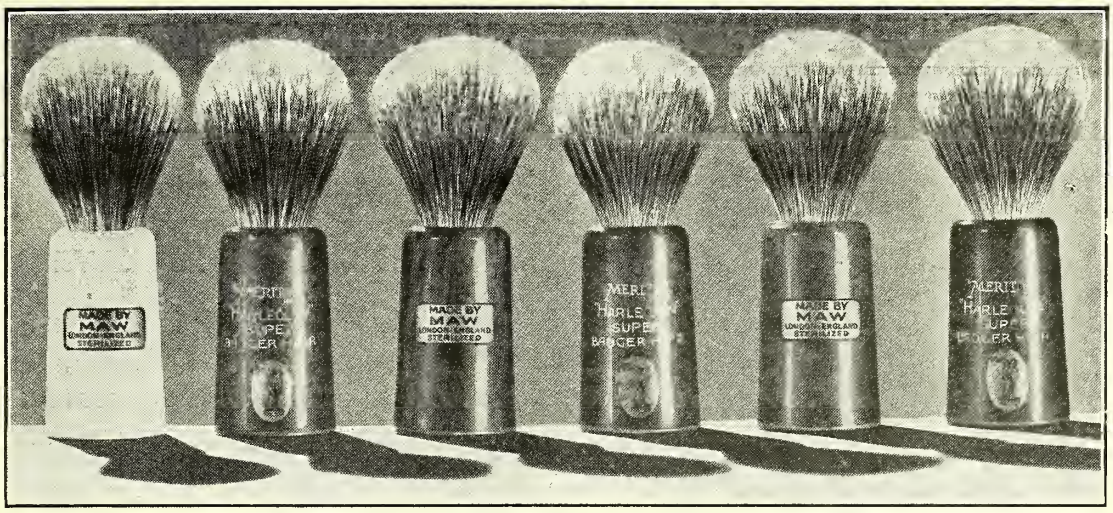
Close proximity to Fishing Ground
Low Temperature :: Clear Pure Atmosphere

SOUTHALLS
"A 1"
COD LIVER OIL
"Bottled Sunlight"

	4 oz.	8 oz.	16 oz.	32 oz.
Minimum Retail Prices (P.A.T.A.) -	10d.	1/3	2/3	4/- per bottle
	6/3	9/3	16/-	28/6 per doz.
1 Grs. 8 oz. (or the equivalent) -	5/9	8/9	15/-	26/6 ,,
7/6 per gall. in W.qts.	12 W.qts. 7/3			36 W.qts. 7/-

All Prices less 2½% Monthly Account.

SOUTHALL BROS. AND BARCLAY LTD. Manufacturing Chemists BIRMINGHAM



The New Harlequin Shaver

Two years ago, the Meritor Harlequin series set a new fashion in Shaving Brushes. The Harlequin Brush introduced a new idea—the coloured handle shaver. It instilled new life into shaving brush business and gave a tremendous impetus to Shaving Brush Sales. It showed that smart men were ready to buy coloured shavers for themselves and that smart women were more than ready to buy coloured shavers for their menfolk.

Now comes a new and better coloured handle brush—"The New Harlequin." This new pattern has a slightly shorter handle and is in plain, bold colours, instead of the marbled colours hitherto used. Otherwise, the new Harlequin has all the advantages of the old pattern—the hygienic curved taper handle and the now universally recognised non-split, non-porous and hygienic properties of Morite.

The range of colours is Black, Shellwite and Horn (for men of conservative tastes), Plain Red, Blue and Green (for the modern woman and the smart man)

A PLEASING ASSORTMENT OF NEW HARLEQUIN SHAVERS — SEVEN BRUSHES IN ALL — IN SMART POLISHED WOOD DISPLAY CASE

40/8 ALL

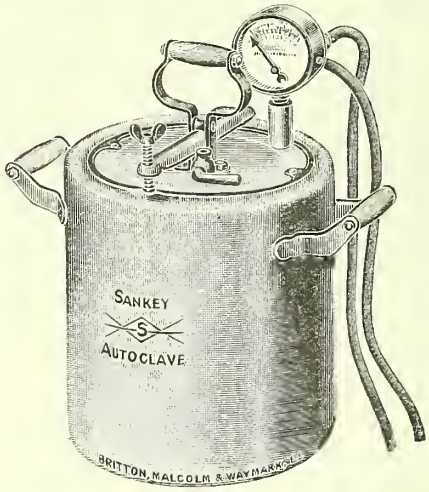
CONTENTS

1 *Silver Tip Badger*	each **10/-**	1 *Super Badger* -	each **8/6**
2 *Extra Fine Badger*	each **6/4**	2 *Badger and Bristle*	each **3/8**
1 *Super Hog* -	- each **2/2**		

MAW — LONDON and BARNET

COMPLETE STERILISATION MEANS

COMPLETE SAFETY—BOILING does NOT give complete sterilisation



The 1932 B.P. requires injections, and apparatus for their preparation, to be sterilised in an AUTOCLAVE

The SANKEY AUTOCLAVE is efficient, SIMPLE, and remarkably CHEAP, in comparison with any other apparatus.

SPECIFICATION OF THE SANKEY AUTOCLAVE

Size	Capacity	Height	Diameter	Weight	Cost each
Small	8 pints	5¾ in.	8 in.	8 lbs.	£4 17 6
Large	26 ,,	12 in.	10¾ in.	19¾ lbs.	£6 17 6

Each Autoclave is fitted with an automatic gas regulating pressure gauge

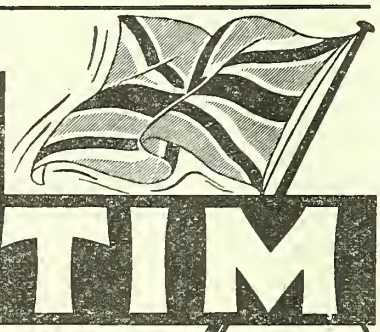
SUPPLIED ONLY BY THE SOLE AGENTS—

Britton, Malcolm & Waymark, Ltd.

38 SOUTHWARK BRIDGE ROAD, LONDON, S.E.1

Telephone: WATERLOO 1442 (3 lines)

SELL AT 1D. EACH



TIM

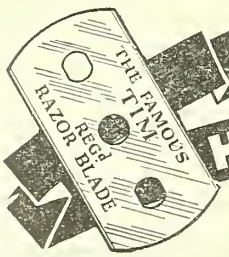
A BRITISH BLADE / 4/9 PER GROSS

at a competitive price!

. . . . that is meeting with great public favour. The Finest Steel, scientifically Hand-Honed. Send for sample to-day!

Dept. C.D., S. KALISKY (Aldgate) Ltd.

146 THEOBALD'S ROAD, LONDON, W.C.1, and at 16 WITHY GROVE, MANCHESTER.



HAND-HONED BLADES

A free Postcard enlargement with each film developed and six prints.

Tel. No. 226

The "PEERLESS" Water Colour Series

A "Peerless" is a joy supreme —a reminiscence always living—a gift divine.

For prices and specimens apply:—

The 'Owl' Advertising and Photographic Service, Louth.

Competition does Not make him blink

FREE ½-doz. 1/- Veldt Cream

WITH EACH ORDER VALUE £2 (INCLUDING SOAP)

Example—12 doz. 5d. "Veldt" Cream costs 40/-, *with Bonus* Yields 66/-, *i.e.*, approximately 40% on turnover.

"Veldt Cream"

GOOD SHOW MATERIAL WELL & CONSISTENTLY ADVERTISED

Write for Particulars to

VELDT LABORATORY

Springfield, Upper Clapton, LONDON, E.5

(*Æsculapius*)

Two All-British Products

Made with British Capital
with British labour, in Britain

THYROID B.P. 1932

Syn.: Thyroid Extract. Thyroid Sicc.: Thyroid Gland.

A British Product standardised to contain 0·1% Iodine in combination as Thyroxine.

Thyroid Products have been manufactured by us for many years at

EVANS' BIOLOGICAL INSTITUTE
HIGHER RUNCORN.

Ample supplies available for immediate delivery.

Special quotations for Powder and Tablets to wholesalers on request.

HEXAMINE B.P. 1932

(*Evans*)

A Snow-white granular powder answering all the tests of the B.P. 1932.

The granules are of a convenient size for accurate dispensing and are equally suitable for compression into tablets.

Enquiries for large or small quantities for home or export are welcomed.

The prices meet all competition.

Manufactured by

EVANS SONS LESCHER & WEBB Ltd.

LIVERPOOL LONDON & DUBLIN

GLYMIEL JELLY

1932

WINDOW DISPLAY

BONUS PARCELS

6 Assortments now available.

NATIONAL ADVERTISING

is booked to appear regularly

OCTOBER 1932 to APRIL 1933

IN

THE SIX PARAMOUNT DAILIES
with a combined circulation of over

8,000,000

AND IN

NINE WOMEN'S WEEKLY PAPERS and
TEN WOMEN'S MONTHLY MAGAZINES
with a combined circulation of over

3,000,000

We feel justified in asking for your co-operation by holding stocks of all sizes

3d., 6d. & 1/- Tubes, & 2/6 Jars

Sangers LIMITED

258 EUSTON RD., LONDON, N.W.1; also at BRISTOL & NEWCASTLE-ON-TYNE

If the public want to pay 1/6 for an always British Liniment,

—why ask it more?
—when your profit is less!

P.K.L. (PAIN KILLING LINIMENT)

Asks you to accept a

CHEQUE

FOR

10/- TEN SHILLINGS 10/-

(CHEQUE IS SENT WITH INVOICE FOR GOODS)

in consideration of your giving a Window Display and placing an order for SIX DOZEN of P.K.L.

BONUS QUANTITY THIRTEEN TO DOZEN ON ALL ORDERS OF 3 DOZEN UPWARDS

P.K.L. ENJOYS AN ENORMOUS SALE

P.K.L. sells to the Public **P.A.T.A. 1/6**
It costs you 12/- per dozen, 144/- per gross
BONUS thirteen to dozen for 3 dozen lots
Cheque for **10/-** for six dozen order and window display
No need of postcard claiming bonus cheque
No need to notify display date
No inspection of display
PLENTY OF DISPLAY MATERIAL

FINE DISPLAY SCREEN FOR WINDOW SHOW

AYRTON, SAUNDERS & CO. LTD., LIVERPOOL

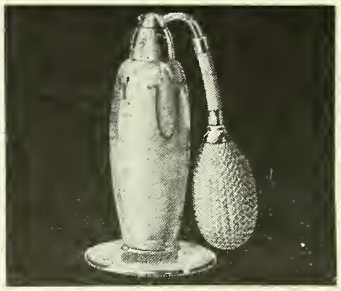
DeVilbiss

PERFUME SPRAYS

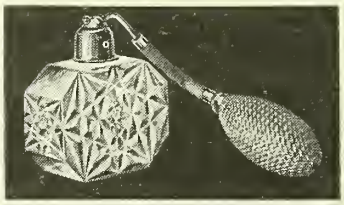
L.S.22 Crystal Cut, Chromium or Gold-plated, **54**/- dozen.

With the rapidly increasing vogue among women for the use of more perfume a DeVilbiss Spray is a highly prized toilet requisite. DeVilbiss Sprays are chosen not only for their beauty of colour and design but also for their superb quality and dependability.

The new DeVilbiss line includes numbers to fit every taste and at prices to fit every pocket. DeVilbiss Perfume Sprays sell on sight—in colour, design and finish they are unrivalled—and the profit to the retailer is generous. Order supplies now for your Christmas display.

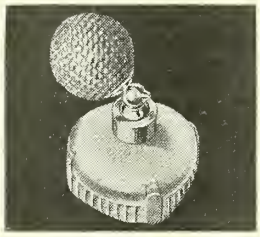


S 150-5 Green—3 Blue and Cut—4 Black and Cut—6 Peach Bloom and other attractive models, **100**/- dozen.

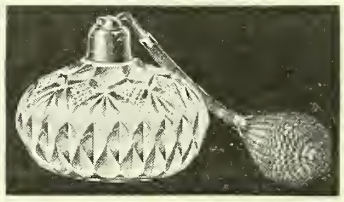


L.S. 34 Crystal Cut, Chromium or Gold-plated, **60**/- dozen.

S 100-7 Blue and Platinum—8 Black and Platinum—9 Green and Gold, **72**/- dozen.



S 50-6 Peach Bloom—5 Green —4 Orchid, **36**/- dozen.



L.S. 61 Crystal Cut, Chromium or Gold-plated, **90**/- dozen.

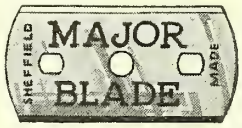
Sole Distributors in the United Kingdom—

AEROGRAPH CO. LTD.

43 Holborn Viaduct, LONDON, E.C.1

CVS—49

Sheffield's Newest Shaving Edge



Regd. Trade Mark 530,151/70025

RETAIL PRICE **1d.** EACH; **6** FOR **6d.**

Made on latest automatic machinery, ensuring utmost uniformity of keen edges, on Steel heat-treated under rigid scientific control . . . THE SMOOTHEST SHAVER

SEND FOR FREE SAMPLE AND TERMS TO:

DOMINION STEEL CORPORATION LTD.

"Fleet" Works, Queen's Road, SHEFFIELD.

ADVERTISED ON L.G.O. 'BUSES.

JACKEL'S

OILAFIX

Here is a new composition—quite apart from Jackel's Original Hair Cream, and not a competitor—specially prepared to meet an actual demand for an oily preparation.

Already Oilafix has made a hit and we recommend you to stock it, together with the Original Jackel's Hair Cream.

OILAFIX *Trade Terms:*

12/- per doz., retailing at **1**/**6** per bott.
20/- per doz., retailing at **2**/**6** per bott.

JACKEL'S HAIR CREAM

11/**6** per doz., retailing at **1**/**6** per bott.
18/- per doz., retailing at **2**/**6** per bott.

JACKEL'S HAIR CREAM
Made in Glasgow.

Xmas Window Posters, Showcards, & Window Decorations

will give that finishing touch to convince the potential buyer that yours are the goods for Christmas presents. Illustrated List, in colours, No. **C.D. 1380**, showing tickets, posters, window slips, and all decorations applicable to the festive season, free on mention of this journal.

DUDLEY & CO. LTD. 451 HOLLOWAY RD. LONDON, N.7.

City Showrooms—65-66 FORE STREET, E.C.

THE LEADING ALL-BRITISH POWDER BOXES

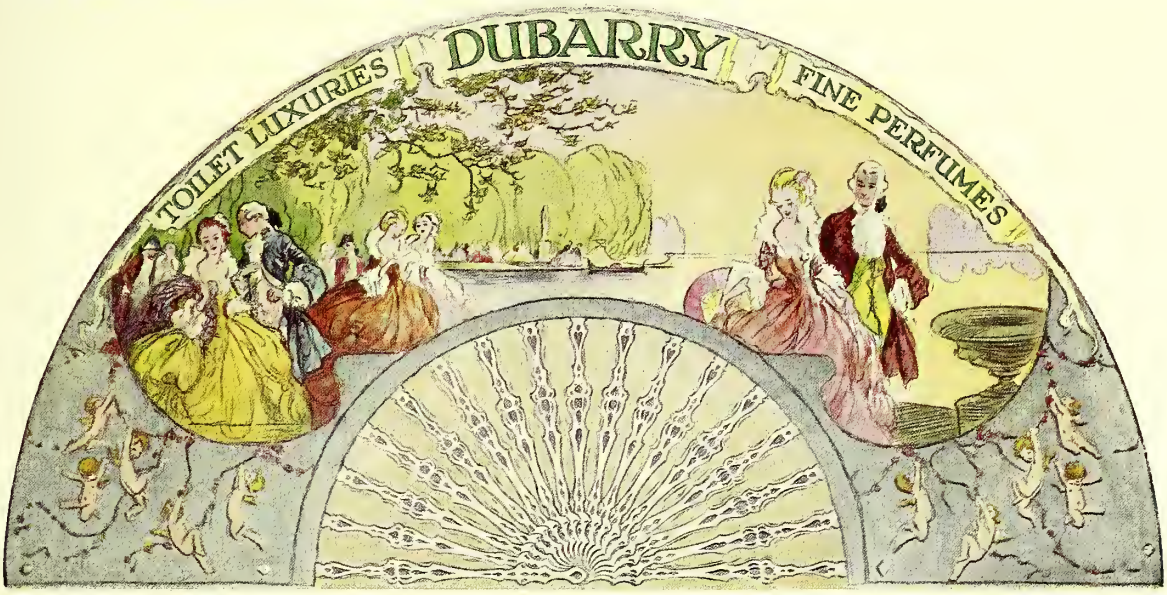
A large variety of exquisitely finished models—Nickel, Gilt, Silver, Enamel, Lacquer

From all Wholesalers.

Blackmore, Howard & Metherell, LIMITED
53 Hatton Garden, London, E.C.1

FEATURE DUBARRY GIFTS FOR XMAS

TWO ENTIRELY NEW SCREENS have been prepared for the coming season. If you have not already received or ordered yours please apply at once, as owing to their high cost the supply is limited. Dubarry Gift Sets and Perfumes are ready sellers. Be sure you have ample stocks this year and help to avoid a last minute rush.



THE LOVELIEST REPRODUCTION OF AN OLD HAND-PAINTED FAN EVER PRODUCED.
This has excited such universal admiration that every customer with an appreciation of art will want one for window display. Printed in Colours and Silver.
LARGE SIZE, 15⅝ inches high by 31 inches wide. SMALL SIZE, 12½ inches high by 24 inches wide.

This Background is typical of a series we are offering for special window displays.
Printed in Colours and Gold. SIZE, 14 inches high by 22⅝ inches wide.

DUBARRY'S SPORTSMAN'S SERIES of TOILET LUXURIES

In presentation boxes with scenes after H. ALKEN.

HUNTING, RACING, SHOOTING, ANGLING & FISHING.

Catalogue No. M.S. 41
Price 5/3
Shaving Soap and Solid Brilliantine.

Catalogue No. M.S. 43
Price 5/9
Shaving Soap and two bottles of Hair Cream (one oily and one non-oily).

Catalogue No. M.S. 45
Price 7/3
Shaving Soap, Solid Brilliantine and After-Shaving Lotion.

Catalogue No. M.S. 46
Price 7/9
Shaving Soap and Invisible After-Shaving Talcum.

Catalogue Nos. 343 & 345
Prices 3/6 & 5/6

Catalogue No. 341
Price 2/6

Catalogue No. 339
Price 1/3

Catalogue No. M.S. 42
Price 5/9
Shaving Soap & After-Shaving Lotion

The above illustrations are typical of the MEN'S TOILET LUXURIES which are suitable for display with the Background illustrated on other side.

The Dubarry Perfumery Co., Ltd., Hove

THE BEST OR NOTHING

STANDARDS

Roger & Gallet *appeal for the preservation of a fine old* Tradition

You are a business man: sooner or later you have to choose between a reputation for cheapness and a reputation for quality.

We have chosen: we believe that the few shops and businesses that stand out against the tide of cheapness will not only be doing a public service, but will ultimately profit by maintaining a tradition of high quality. Your aim, like ours, is to build up a business on the soundest possible basis. There is no sounder basis than quality: the best or nothing.

We invite you to link up your sales policy with the few manufacturers who maintain this tradition: and we give you our full guarantee that our preparations: Eau de Cologne, perfumes, etc., are prepared with the best and purest spirit, and not with methylated nor other industrial spirits known as duty free.

We intend to abide by the principles that have made our reputation: will you back us up?

ROGER & GALLET (LONDON) LTD.

1 *Lechmere Road, Willesden Green,* N.W.2

"SNOW"

has secured the services of

Mr. WILLIAM EDWARD MARSHALL

as

SALES PROMOTION MANAGER

Mr. Marshall needs no introduction to the Pharmaceutical profession, but we feel it of interest to our friends to remind them of some details of his distinguished career.

Late Managing Director of Messrs. Gillette Safety Razor, Limited, Mr. Marshall has an unrivalled knowledge of the shaving needs, habits and desires of the public. When SNOW was brought to his notice he formed so high an opinion of its merits—after he had personally tried it—that he expressed himself willing to direct our Sales policy.

Mr. W. E. MARSHALL

This offer we gladly accepted, knowing how valuable his specialised knowledge would be to our rapidly growing organisation.

Mr. Marshall invites your kind co-operation and suggestions to enable him to satisfy every demand with the utmost dispatch. He will gladly call and see you himself at any time by appointment.

In his own words: "SNOW will effect as great a revolution in the shaving habits of our people as did the first invention of a safety razor."

Fellow of the Institute of Commerce.
Fellow of the Incorporated Sales Managers' Association.
Member London Chamber of Commerce.
Society of Arts.
Royal Warrant Holders' Association.

Note that our Sales Promotion Department has offices at 201 Salisbury Square House, E.C.4
Telephone: Central 4932

BONUS OFFER — Good until November 19th, 1932

BUY UNDER THE BONUS OFFER WITH MORE THAN 50% PROFIT

1/9 Size

12 boxes at - - **14/6**
1 box FREE - **—**

13 boxes,
your price **14/6**

Sell at **1/9** each, or 13 boxes **22/9** retail price.

If three dozen at a time is ordered, we include another box of SNOW to the shipment. Therefore we ship

40 boxes and invoice 36

If less than a dozen is ordered please mention your wholesaler or order through your wholesaler. Only deliveries from a dozen up will be made direct from our factory.

2/9 Size

12 boxes - - **23/-**
1 box FREE - **—**

13 boxes,
your price **23/-**

Sell at **2/9** each, or 13 boxes **35/9** retail price.

"SNOW"

The New Razorless Shave

MAKES SENSATIONAL SALES

WRITE FOR THE ATTRACTIVE

WINDOW DISPLAYS

which will attract and keep a crowd of fascinated people at your window.

Window Display 101 (19"x29" Men—Part)

Window Display 103 (56" x 29" Men and Women)

Counter Card 106 (8" x 12")

SNOW SALES

are backed by National Advertising

21 MILLION FAMILIES

read SNOW advertisements every week or fortnight in

LEADING NEWSPAPERS AND PERIODICALS

such as

Answers.
Chemist & Druggist.
Daily Telegraph.
Daily Express.
Daily Mirror.
Daily Mail.
Everybody's Weekly.
Film Weekly.
Film Pictorial.
Greater London's Greater Press.
Humorist.
John Bull.
Liverpool Evening Express.
London Opinion.
Manchester Evening Chronicle.
News Chronicle.
News of the World.
Passing Show.
People.
Pearson's Weekly.
Radio Times.
Reynolds' Illustrated News.
Sunday Graphic.
Sunday Pictorial.
Star.
Strand Magazine.
Tit-Bits.
Winner.
Wide World Magazine.

FILL UP COUPON & POST IT AT ONCE

YOU ONLY NEED TO STOCK "SNOW"

OUR ADVERTISING AND WINDOW DISPLAYS move it off your shelves

Here is a typical "SNOW" advertisement →

POST THIS COUPON TO-DAY!

The Britannia Laboratories, Dept. C.D. 3, 13, Little Titchfield St., London, W.1.

Deliver the following:

12 boxes "SNOW"	14/6	12 boxes "SNOW"	23/-
1 box FREE ...	—	1 box FREE ...	—
13 boxes "SNOW"	14/6	13 boxes "SNOW"	23/-

Or deliver: 3 dozen "SNOW" small size at 1/9 per box.
3 dozen "SNOW" large size at 2/9 per box.
Bonus on three dozen, 4 boxes free.

A mixed shipment of a dozen or more of large and small boxes can be ordered in any amount of either size.

NAME .....

ADDRESS .....

.....

PLEASE WRITE IN BLOCK LETTERS C. & D. 5/11/32 ©

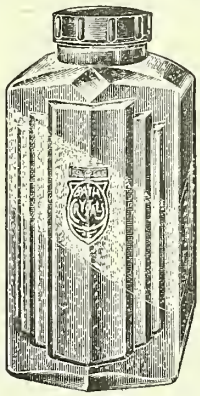
Dainty and Delightful!

OUR LATEST "PIONEER" PRODUCTION

"RAINBOW" BATH CRYSTALS

Made with the New Needle Crystals.

Nearly three times the strength of ordinary bath crystals in water softening properties.



Packed in three sizes in most attractive and elaborate bottles, fitted with screw Bakelite caps.

Small Size	8/6	per doz.
Medium Size	12/6	,,
Large Size	22/-	,,

WILLIAM EDWARDS & SONS

Wholesale and Export Druggists' Sundriesmen,

14-18 NILE STREET, CITY ROAD, LONDON, N.1.

SELL NUCTONE WITH EVERY CONFIDENCE!

You can hand Nuctone to your best customer quite confident that it will prove successful and safe.

Once sold Nuctone brings consistently steady repeat orders from a regular clientele. There's profit and prestige in Nuctone Sales.

Order through your usual wholesaler

Nuctone

SAFE FOR GREY HAIR

STEWART, GOODALL & DUNLOP, LTD.

Your Customers' Hair needs

SILKODONO

YOUR PROFIT **80%**

There is no preparation on the market to beat **SILKODONO** for Dandruff, Scalp Irritation, Falling Hair: **SILKODONO** greatly encourages the growth of the Hair, and as for Easy Setting and Beautifying the Wave, you need only try it and you will never use anything else.

PRICES AND BONUS:

SILKODONO,

1/6 size	12/-	per doz.
2/6 ,,	20/-	,,
4/6 ,,	36/-	,,

2 FREE Bonus with each dozen.

SILK'S TOILET Co., 8 & 9 Red Lion St., London, W.C.1

G. B. KENT & SONS, LTD.

Are known the World over as the Largest Manufacturers of

BEST BRITISH BRUSHES

Please write for full Particulars to:

75 FARRINGDON ROAD, E.C.1

The *new* VINOLIA English Gifts for *CHRISTMAS*

Elegance and quality combine to show that an English firm can produce Perfumes and Toilet Products in really tasteful and dainty Christmas Gifts. At reasonable prices too —lower than ever before!

Our illustrated folder and detailed price list will give you an idea of the wonderful selection of gifts obtainable at a wide range of prices.

If you have not received your copies, please ask for details of our special FREE OFFER and latest discounts.

STOCK UP NOW WITH THESE FINE BRITISH GIFTS

They sell on sight

VT 99-29-100

VINOLIA CO., LTD., BEBINGTON, CHESHIRE

announcement by

FORHAN'S LIMITED

IN RESPECT OF

Forhan's

The proprietors of Forhan's for the Gums and Forhan's Tooth Paste announce a world-wide unification of distribution to ensure the utmost degree of service to retailers.

AS FROM NOV. 1st, distribution of these products will be handled by Stemco, Ltd.—renowned for other high-class pharmaceutical preparations and sundries including Flit, Mistol, Nujol and Daggett & Ramsdell Beauty Products, etc.

An aggressive sales and advertising policy, including attractive new window display material, will advance sales of Forhan's products, and your esteemed orders will receive the utmost attention. Messrs. Thos. Christy & Company, the late sole distributors, will continue to act as wholesalers.

ON AND FROM NOV. 1st PLEASE ADDRESS ORDERS:

STEMCO LTD.

128 Albert Street, Camden Town, London, N.W.1

SOLE DISTRIBUTORS for FORHAN'S LIMITED

A National Advertising Campaign

will be commenced in November

introducing

'ROMANCE'

PERFUME

NON-DUTIABLE SPIRIT PERFUMES
HIGH CLASS TOILET GOODS AND SPECIALITIES (BEAUTY AIDS)
WE GUARANTEE THE HIGH STANDARD OF OUR PRODUCTS MADE FROM THE FINEST GRADE INGREDIENTS UNDER THE SUPERVISION OF EXPERIENCED CHEMISTS AND BEAUTY SPECIALISTS

PRICES :—
DUE TO ECONOMICAL ORGANISATION AND MASS PRODUCTION ARE POPULAR AND THE PACKINGS ARE BEAUTIFUL

All Vamant's Perfumes & Beauty Specialities are Made in Paris

large bottle 5/-
½-oz. bottle 3/-
Face Cream 1/9
(Cold Cream and Vanishing)
Face Powder 1 oz., **9d.**, 2 oz., **1/3**
also Compact Rouge, Lipstick, Setting Lotion, Brilliantines, etc

VÂMONT
PARIS

WINDOW DISPLAYS
in three panels for small windows, in five panels for large windows.

Sole Distributors for Great Britain and Ireland
The JEUVAN DISTRIBUTING Co., 1 Pembroke Terrace, Cardiff

ESTABLISHED SINCE 1857

SOLPORT BROTHERS LIMITED

BRITISH TO THE BACKBONE

75 YEARS ACTIVELY ENGAGED IN THE MANUFACTURE OF DEPENDABLE DRUGGISTS' AND TOILET SUNDRIES

AT YOUR SERVICE FOR UP-TO-DATE MANUFACTURES OF A HOST OF SPEEDY SELLING SUNDRIES, INCLUDING

POWDER PUFFS OF EVERY KIND

Travelling Companions
Sponge Bags, etc.
Bath and Flesh Gloves
Washing Squares
Emery Boards
Styptic Pencils
"Portia" and "Nerissa" Branded Goods

Hot Water Bottle Covers
Finger Stalls— "Easifix," "Foldo," etc.
Wrist Straps
Sports Shades
Non-Flam Eye Shades
Actinotherapy Goggles
Corn and Bunion Plasters

"SOLPORT'S GOODS ARE GOOD GOODS"

184-192 GOSWELL ROAD, LONDON, E.C.1

PRICES AND SAMPLES ON APPLICATION

Great & Instantaneous SUCCESS OF THIS EXCLUSIVE & MOST PROFITABLE LINE

5/3 PROFIT ON EVERY SALE

WRITE FOR BOOK

Chemists who do not already stock W-5 Brand Tablets are invited to send for absorbingly interesting book and scientific information which fully explains the merits of this preparation.

W-5 Brand Tablets (for the rejuvenation of the skin from within) have during the past few months proved conclusively that an article of substantial merit will always sell readily, even though it be not in the low-price class. W-5 Brand Tablets do not compete with other lines, and are well advertised in the leading papers appealing to women.

W-5 BRAND TABLETS

Fixed Retail Price 21/- per box

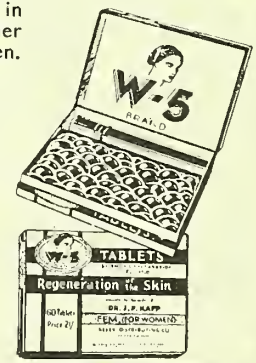
W-5 BRAND TABLETS OPEN A NEW ERA IN THE TREATMENT OF THE SKIN

This preparation embodies a new scientific principle and is the first to influence the skin biologically from within, thus restoring it to health and beauty. This new discovery is the topic of the day wherever women foregather.

Supplies can be obtained from wholesale houses or from:

GELTY DISTRIBUTING CO.
158-162 OXFORD STREET, LONDON, W.1

Literature and show material supplied free.



All for HAH Beauty

An Ever Increasing Success

In these days, to sell products of the highest reputation is more than ever a valuable asset. Harriet Hubbard Ayer preparations have become the favoured friends of thousands of discriminating women since they began to be sold here four-and-a-half years ago. And they are making converts steadily day by day.

There is a reason for this success. Every cream and lotion faithfully performs the service it claims. When a woman uses Harriet Hubbard Ayer, in a very short time she sees a definite and delightful improvement in her skin.

Become an agent for Harriet Hubbard Ayer. All the products are planned to fulfil more than one function (Luxuria, the favourite, not only cleanses but nourishes and soothes the skin as well). On economy grounds alone they have a very special appeal just now. And our advertising in the important papers and periodicals is doing splendid work for you.

Give us the pleasure of a personal call, or write for all particulars to
Harriet Hubbard Ayer Ltd., 130 Regent Street, London, W.1.

The retail prices of the famous LUXURIA Cream are 2/3, 4/-, 8/6, 11/9.
Skin & Tissue Builder 4/-, 7/6, 18/9, 30/-
Beautifying Face Cream 4/-, 7/6, 18/9, 30/-
Beautifying Face Powder 4/3
Complexion Balm 3/6, 7/-
Eau de Beauté 4/-, 8/-

HARRIET HUBBARD AYER LTD.
Beauty Preparations
NEW YORK LONDON PARIS

ANNOUNCEMENT

WE BEG TO ADVISE our Clientele and the Scientific World that MR. OWEN LEVESON GOWER has joined this business; he has been associated with the trade for 40 years, and when desired will be pleased to give orders and enquiries his personal attention.

TOWNSON & MERCER, LIMITED

34 CAMOMILE STREET, LONDON, E.C.3

Established in 1798

MANY SUCCESSES IN THE EXAMINATIONS

Your Opportunity to

QUALIFY IN OPTICS

PRACTICAL WORK. Personal tuition in the practical work is a distinctive feature. Students can avail themselves of the practical classes held during examination times when they are in London.

Expert Tuition for the SIGHT-TESTING DIPLOMAS of the Worshipful Company of Spectacle Makers (F.S.M.C.); the British Optical Association (F.B.O.A.); the National Association of Opticians (F.N.A.O.; or the College of Optics (F.C.O.)

Write for full particulars—

C. A. SCURR, M.P.S., F.S.M.C., F.B.O.A., F.N.A.O., B.Sc., F.I.O., F.C.O.
50 HIGH STREET, BARNET, LONDON, N.

WESTMINSTER
COLLEGE OF PHARMACY

190 Clapham Road, London, S.W.9

Founder: G. S. V. WILLS, Ph.C.
Principal: P. H. WOODNOTH, Ph.C., F.C.S.

Next Term Commences January 4th.
P.S. Examination—3 and 6 months' courses.
C. and D. Examination—3 months' course.

Preliminary Instruction by Post is available for all Students who propose to attend the Day Classes

Full details and prospectus may be obtained from the Secretary

There is no shadow of doubt about the Supreme excellence of the "Town Talk" Impregnated Silver Plate Cloth.

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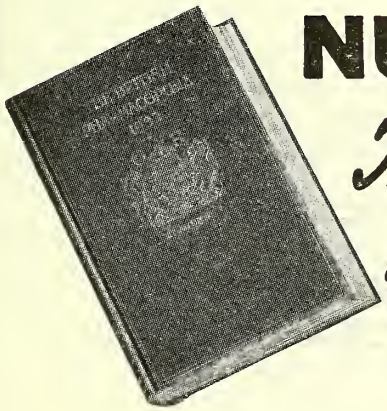

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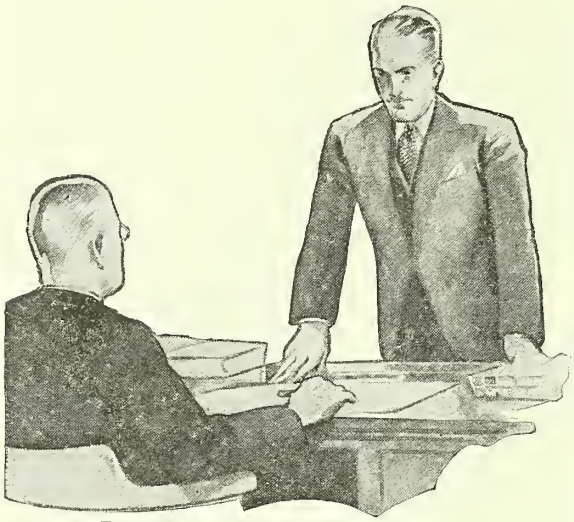

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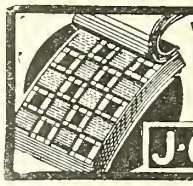

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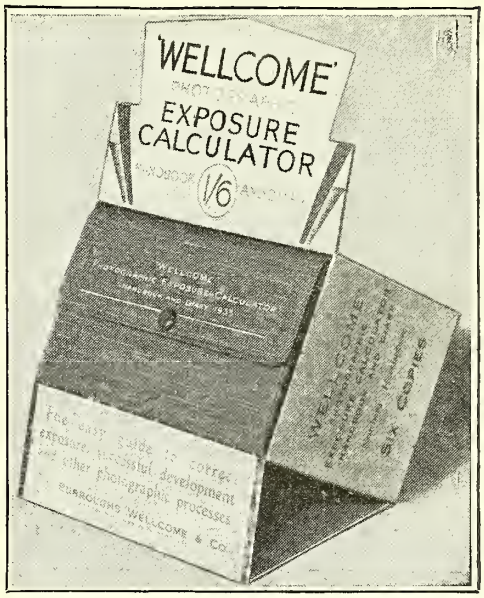

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1933

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A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

The official organ of The Pharmaceutical Society of Ireland, The Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in Overseas Dominions

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VOL. 117. NO. 2752 NOVEMBER 5, 1932

CONTENTS

	PAGE
Association Meetings	557
Births	553
Business Changes	546
C. & D. Retail Price List	548
Century Ago	550
Coming Events	545
Corner for Students	562
Correspondence:—	
Letters	567
Legal Queries	568
Miscellaneous Inquiries	568
Deaths	553
Drug Trade Appeal Fund	549
Editorial Articles:—	
Sale of Medicated Wines	555
Price Uniformity in Dispensing	555
Festivities	550
Glasgow and the B.P.	551
Information Department	554
Insurance Act Dispensing	562
Irish Notes	544
Legal Reports	546
Marriages	553
Measurement of Astigmatism	561
National Pharmaceutical Union	549
New Companies and Company News	547
News of the Week	543
Personalities	545
Pharmacopœial Anomalies	560
Pharmaceutical Society of Great Britain:—	
Council Meeting	556
Branch Meetings	557
Retrospect	568
South African Pharmacy Board	558
Stock Exchange Prices	548
Topical Reflections	545
Trade Marks	556
Trade Notes	552
Trade Report	563

News of the Week

Brewers' Exhibition

The fifty-fourth annual Brewers' Exhibition opened at the Royal Agricultural Hall, London, N.1, on October 26. The display of machinery, always an important feature of this exhibition, revealed how completely mechanised many sections of the brewing and mineral-water trades have become. Much of the plant exhibited is used for filling, labelling and cleansing bottles, and is therefore of some interest to the chemist. The competitions appeared to be well supported. Hop entries numbered 203; beer, 666; Empire wine, 113 (1931, 85); cider, perry, etc., 247. The following stands were amongst those of interest to the drug trade:—THE MONSANTO CHEMICAL WORKS, LTD., showed Monsanto saccharin together with the method of packing. BOOTS PURE DRUG CO., LTD., displayed saccharin and soluble saccharin. THE BRITISH ESSENCE CO., LTD., exhibited flavouring essences, colours and chemicals. A. BOAKE, ROBERTS & CO., LTD., showed a range of specialities including concentrated soluble essences, Truginger extract, harmless colourings and preservatives. W. J. BUSH & CO., LTD., displayed soluble essences and colours. Malt products were shown by EDME, LTD., PAINE & CO., LTD., and EDWARD SUTCLIFFE, LTD. Cash registers were shown by THE METRO BUREAU EQUIPMENT, LTD., and THE NATIONAL CASH REGISTER CO., LTD. Corks were displayed by ARMSTRONG CORK CO., LTD., THE CROWN CORK CO., LTD. (incorporating The Wallis Crown Cork Co., Ltd., and The Fulham Crown Cork Works (1928), Ltd.), and DEFIANT CROWN CORK CO., LTD. Other exhibitors included THE THOMAS HILL ENGINEERING CO. (HULL), LTD. (bottle-cleaning equipment); IMPERIAL CHEMICAL INDUSTRIES, LTD. (Drikold liquefier); JAGENBERG, LTD. (bottle-labelling machines); JULES LANG & SON (glassware); PURDY PATENT MACHINERY CO. (1930), LTD. (machines); UNITED GLASS BOTTLE MANUFACTURERS, LTD. (glass bottles and containers); and VISCOSE DEVELOPMENT CO., LTD. (bottle caps).

Society of Apothecaries of London

At the Assistants' Examination, held on October 24, 26 and 27, the following candidates were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines:—

Baker, E.
Bate, S.
Callister, D. M.
Carleton, D. J.
Cherrill, M. A.
Clegg, E. M.
Cooke, E. H.
Dickinson, E. M.
Dyer, H. V.
Ellis, E. R.
Emens, J. M.
Fleming, G. A. V.
Foster, B. L.
Foster, V. J.
Fox, D.
Gerard, D. M.
Green, G. H. B.
Hardman, L.
Hemmingson, L. U.
Hodge, A. B.
Hughes, F. B.
Jennings, G. L.
John, M. C.
Jones, G.
Jones, M. R.
Jones, N. S.
Jones, P. M.
King, H. W. J.
Lake, M.
Lenton, M. H.
Martel, M.
Mayberry, M. A. McC.
Meredith, C. M.
Nanson, A. B.
Parry, M. I. M.
Phillips, N.
Pool, D. E. M.
Powell, L. E.
Prendergast, C. M.
Rankin, A. F.
Rees, H. E.
Ribstein, M. A.
Roberts, F. E.
Roberts, M. E.
Robertson, B. C.
Salmon, J.
Sasegbon, E. O.
Shaw, E.
Shaw, M. J.
Sibley, M. B.
Snow, J. M.
Strange, E. P. T.
Symmes, M. M. E.
Taylor, Joan
Thomas, J. M.
Virgo, R.
Webb, D. M.
Weinger, R.
Wells, D. A.
Woodsend, E. M.

League of Nations

A report of the Fifth Committee of the League of Nations (A.64. 1932. XI), dated October 11, has been circulated. The report states that the Geneva Convention of 1931 relating to narcotic drugs has, up to the present, been ratified by only six states, and that it requires the ratification of twenty-five states before it

can come into force. A Spanish decree of August 3, 1932, prohibiting the importation and manufacture of heroin and heroin hydrochloride in Spain and its colonies, is noted.

A report of the Permanent Central Opium Board (A 35, 1932, XI), dated September 5, has also been issued (Allen & Unwin, London, W.C.1, 9d.). This report covers the work of three sessions of the Board, and gives statistics of production, manufacture and consumption of "dangerous" drugs for the year 1931. In addition, it summarises the respective totals for 1929 and 1930. The penultimate section of the report deals with "Seizures and Illicit Traffic." A lack of clearness is observable in the arrangement of the subject-matter headed "II, Cocaine" (pp. 10-13).

Birmingham

Measles and mumps are reported to be prevalent among Birmingham children.

The Scientific Section of the Birmingham Pharmaceutical Association, as a result of the success of its first meeting on October 18, has arranged for a series of lectures on the new British Pharmacopœia. Those who wish to be notified should communicate with Mr. E. G. Thorne, Dudley Road Hospital, Birmingham.

Sheffield

A "bridge drive" is being arranged for chemists attending the ball at the City Hall and not wishing to dance.

A committee consisting of Messrs. Hobson (chairman), J. E. Crowe, E. Preston, and S. Furnival has been appointed to deal with the formation of a scheme for apprenticeship, and, if possible, to arrange for day classes in place of the present evening classes for Part I students.

Miscellaneous

Poison-licence application. — W. H. Yeatman & Sons, Ltd., Poole, have applied to the Dorset County Council for a licence to sell agricultural and horticultural poisons.

In the courts.—At Clerkenwell Police Court, London, on November 1, Henry Lewis (67), Granville Square, W.C.1, described as an American citizen, was sentenced to four months' imprisonment, and recommended for deportation, for being in unlawful possession of 1 lb. of raw opium.

Inquest.—At Hammersmith, W., recently, an inquest was held on the body of Francis E. Bowditch, Danehurst Street, Fulham, who, the evidence showed, took two tablets of mercuric chloride in mistake for laxative tablets. The widower stated that the poisonous tablets were in the house for antiseptic purposes, and were in a medicine chest he brought home from Persia. The Coroner: You see how unfortunate it is that these tablets were not properly labelled "Poison"?—I do. A medical witness explained that the deceased was admitted to hospital too late for antidotes to take effect. A verdict of "Accidental death" was recorded.

Irish Notes

Proceedings in the Dail

Financial resolutions recently passed in the Dail impose customs duties on the following classes of goods, among others:—Date stamps and marking stamps, made wholly or partly of rubber, and component parts of such stamps made wholly or partly of rubber, 15 per cent. (preferential duty, 10 per cent.). Spectacles, monocles and other eyeglasses, of which the lenses are under 43 millimetres in diameter or in the greater diameter, and lenses for above which are under 43 millimetres in diameter or in the greater diameter, 50 per cent. (preferential duty, 33⅓ per cent.). Brass weights, 50 per cent. (preferential duty, 33⅓ per cent.). Vinegar, 2s. per gall. (preferential duty, 1s. 6d. per gall.).

The Therapeutic Substances Bill, the principal provisions of which were published in the *C. & D.*, October 29, p. 519, passed its second reading on October 26. The statement of the Parliamentary Secretary to the Minister for Local Government, in moving that the Bill be read a second time, embodied the main points in the exclusive summary given to our Dublin representative. Sir James Craig, in supporting the second reading, inquired as to the method by which the Act would be administered. Dr. Hennessy voiced the general approval of the medical profession, but foresaw danger to patients if the importation of therapeutic substances was held up by rigid regulations. He was glad to see restrictions in connection with proprietary medicines. After a question from General Mulcahy on the State Pathological Laboratory proposed to be set up by the late Ministry, the Parliamentary Secretary replied to the speakers, and the second reading was agreed to.

Pharmaceutical Society of Ireland

Twenty candidates presented themselves for the recent Assistants' examination held by the Pharmaceutical Society of Ireland. The ten successful candidates (arranged alphabetically) were:—Christina Cahill, W. V. Carvill, Violet A. Cope, Jane M. Daly, J. Harkin, Mary J. Lenihan J. J Mansfield, Helena O'Donovan, J. J. O'Regan, and Jane Widdess.

Photographic Dealers' Association

A special general meeting of the Dublin Branch of the Photographic Dealers' Association was held at Jury's Hotel on October 27. Mr. John Smith, M.P.S.I., the representative for Ireland on the National Council, was in the chair, and there was a good attendance of members. The chairman gave a *résumé* of the reasons which precipitated the resignation of the former Committee (*C. & D.*, October 1, p. 411). Some of those who resigned from the Committee were present at the meeting and expressed themselves as supporters of the P.D.A., but stated that they could not get over the fact that in one glaring instance the opinion of the local Committee had been ignored by the Joint Council. The chairman, in reply to the criticism of these members, pointed out that the P.D.A. members of the Dealers' Lists Committee were not to blame for adverse decisions, as the question of passing a name for the Dealers' List was often a matter of compromise between the manufacturers and the dealers. The following were elected as a Committee for the Dublin Branch:—Messrs. P. A. Brady, F. X. Meagher, G. McLean Lee, R. E. Campbell, R. M. Thom, John Smith and Dr. J. A. Mitchell. The question of the election of a chairman and secretary was left over to the next meeting of the newly appointed Committee.

Brevities

Mr. John Maxwell, the new vice-president of the Pharmaceutical Society of Northern Ireland, was born in Annan, Dumfriesshire. He served his apprenticeship in his native town, and then went as assistant to Rankin & Borland, Kilmarnock. From Kilmarnock Mr. Maxwell went to Edinburgh, and, after some time with H. C. Baildon & Son, Princes Street, qualified in 1886. Shortly afterwards he crossed to Ireland to join the staff of Grattan & Co., Ltd., Corn Market, Belfast, thence to Londonderry to Prior & Co., of which business he is now the proprietor. He qualified under the Pharmaceutical Society of Ireland in 1894, and was one of the original members of the Council of the Pharmaceutical Society of Northern Ireland. Mr. Maxwell

Mr. John Maxwell

has just been elected president of the Londonderry Burns Club and Caledonian Society.

Mr. A. E. Ashe, M.P.S.I., has opened a business in Berkley Road, Dublin.

Mr. E. M. O'Grady, M.P.S.I., has been appointed lecturer in materia medica at the City of Waterford Vocational Educational Institute.

At Magherafelt, recently, an appeal by Mark McKenna, Draperstown, against a fine of £5 for having sold ginger wine certified to contain 0.012 per cent. of salicylic acid (*C. & D.*, August 6, p. 126) was heard. Judge Osborne affirmed the decision, but reduced the fine to £1, with £1 costs.

Personalities

Mr. H. Johns, chemist and druggist, West Bromwich, recently addressed the local Rotary Club on "The Vocation of Chemist and Druggist."

Mr. S. Duncan Littlewood, chemist and druggist, has recently been elected an Associate of the Incorporated Secretaries' Association. In addition to his commercial vocation, Mr. Littlewood is on the staff of the Liverpool School of Pharmacy.

Mr. G. F. Moore, sundries buyer for A. De St. Dalmas & Co., Ltd., Leicester, who is slowly recovering from the effects of a serious motor accident, desires to express his thanks to his many friends for their messages of sympathy and good wishes, to which it is not possible for him to reply by post.

Mr. T. S. Brechin, chemist and druggist, is resigning his appointment with Miller & Co., Ltd., Kandy, Ceylon, owing to health reasons, and will be leaving the East early next year. Some years ago Mr. Brechin was appointed manager of the large departmental store, and later given a seat on the board. During the Great War he served in France, Mesopotamia and the Indian Frontier, and was an officer in the Gordon Highlanders. Mr. Brechin proposes to commence business in the Edinburgh district.

Coming Events

Tuesday, November 8

Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C.1, at 8.30 p.m. Dr. C. H. Hampshire (secretary to the Pharmacopœia Commission and chairman of the British Pharmaceutical Conference, 1933), on "The British Pharmacopœia, 1932."

Photographic Dealers' Association, Park Lane Hotel, London, W. Annual dinner, 7 p.m.

Wednesday, November 9

Birmingham Pharmaceutical Association, theatre and supper party. First performance at the Hippodrome, thence to Kunzle's Café, Union Street. Tickets 5s. each.

Manchester Pharmaceutical Association, Junior Branch, Victoria Hotel, at 8.30 p.m. Whist drive, tickets (including refreshments) 2s each.

Thursday, November 10

Pharmaceutical Society of Great Britain, Harrow Branch, Gayton Rooms, Harrow, at 8.30 p.m. Annual meeting.

Topical Reflections

By Xrayser

Officinal Pharmacy

is doubtless capable of development, and I am one of those who think such development is essential if the business of a chemist and druggist is to persist as a separate occupation. I was at pains to stress this point when commenting on Mr. Skinner's address as chairman of the British Pharmaceutical Conference, and it is interesting to find that the delivery of that address was closely followed by the presentation of some practical views on the subject at the Aberdeen meeting of pharmaceutical delegates (*C. & D.*, October 29, p. 531). It may be urged that there is nothing particularly new in the subject-matter of those papers; but the various points are skilfully assembled, and presented for consideration at a time when many pharmacists are really anxious to develop their business on professional lines. They are no more content than is Mr. Skinner that they should continue to function as mere dispensers of medicines and distributors of other people's packed goods; but the way of escape from that position is much less easy than realisation of its existence and denunciation of it as soul-destroying so far as the practice of true pharmacy is concerned. At the very least, the Aberdeen papers may encourage some in the hope of finding a way of escape and stimulate their inventive faculties.

Encroachments

upon our general business are ably summarised by Mr. Wilson, who approaches the subject of possible development in the spirit of an optimist. Fully conscious of the evil effects of mass production and mechanisation, multiple-shop and store competition, wholesale house enterprise, decadence of prescribing, and other encroachments, he yet has confidence in the prospects of officinal pharmacy, and indicates in general terms how the pharmaceutical side of a chemist's business may be developed provided the individual most directly concerned is prepared to put his shoulder to the wheel and not rely upon others to do the work he ought to do himself. What is lacking from Mr. Wilson's paper is any suggestion of additional pharmaceutical occupation for those of us who keep open shop. He is emphatic in requiring that we should refrain from delegating to wholesale houses any dispensing that comes our way, and he is keen in his insistence upon the advantage to be derived from making all we can in the pharmacy.

More Suggestive

in this direction is the paper of Mr. Williams, who sees great possibilities in fostering the professional side of our calling and emphasises the effect of concentration on that side in providing the added status which makes a pharmacy distinctive. He sums up admirably what, in the view of medical men and the public, constitutes the pharmaceutical business of a chemist and druggist, and I trust his classification of our professional duties will not be lost sight of when definition of our business is required. For the rest, he takes a broad view of the extent of the pharmacist's province and makes one desirous of acquaintance with his proposals in fuller detail. As a guide to the development of the pharmaceutical side of the chemist's business, Mr. Williams easily takes place in the front rank, and I shall hope to hear more from him on the subject. It now only remains to refer briefly to the very practical paper of Mr. Bentley, who indicates what equipment is required to enable us to manufacture our own galenicals to an extent that may be regarded as reasonable nowadays. Fortunate the apprentice who has occasion to spend his term of pupilage in a pharmacy so equipped, and sensible the pharmacist who there carries on business as a chemist and druggist, in a manner that justifies his claim to practise pharmacy and to be protected against unfair unqualified competition in so doing.

Legal Reports

Pharmacy Acts (Ireland).—At Castleblayney District Court, on October 25, Mr. R. Spence, R.D., Main Street, was prosecuted at the instance of the Pharmaceutical Society of Ireland, for having his premises open for the compounding of prescriptions, for having sold poisons to unknown persons, for failing to register sales, and for permitting the sale of poisons without having a qualified chemist in his employment. Mr. W. G. Fleming, R.D., his manager, was summoned on similar grounds. Dr. V. Kierans appeared for the Society, and the defendants were represented by Captain J. Gillespie. Both defendants pleaded "Guilty." Albert Preston and Leslie Keegan, assistants, were summoned for compounding medical prescriptions. Dr. Kierans enumerated the offences. Mr. Spence, he said, had been prosecuted in 1927. In regard to Mr. Fleming, he had already received a warning from an inspector of the Society. He was agreeable to having the case against the assistants marked "Proved" and dismissed. "In all prosecutions brought by the Society," Dr. Kierans pointed out, "there is no attempt on their part to make a profit. All they ask is to be indemnified for the costs of the proceedings." Captain Gillespie said that both the defendants had excellent business characters, and Mr. Spence had given an undertaking to employ a qualified man in future. Justice MacEachach said in Mr. Spence's case he would fine him £5 under Section 30 of the Act of 1875. The count of not having a qualified man he dismissed under the Probation of Offenders' Act. In regard to the sale of the horse-powder he fined him 10s., and for the sale of emetic tartar he applied the Probation of Offenders' Act. The total fines imposed on Mr. Spence were £6 10s., with £5 15s. 6d. costs. Mr. Fleming was fined £4 10s., with £5 15s. 6d. costs.

Injunction by Consent.—In the Chancery Division of the High Court, London, on October 28, a motion by Edwards Harlene, Ltd., London, W.C.1, against John Thompson (Wholesale Druggists, 1921), Ltd., Liverpool, was mentioned to Mr. Justice Farwell. Mr. Trevor Watson, K.C., for the plaintiffs, said they were the manufacturers of Harlene. A short time ago there appeared on the market a preparation marketed by a lady named Hedge, who apparently had the word Arline as one of her Christian names, and the preparation was called Arline Camomile Golden Wash, or something of that kind. The plaintiffs had started an action against her. In the meantime the present defendants, a reputable Liverpool firm, had got hold of some of this preparation and proceeded to include it in their catalogue; by an unfortunate mistake, instead of including it under its full name they called it "Arlene." The plaintiffs took action against the defendants, and claimed an injunction to restrain them from infringing their trade mark, and also from manufacturing or merchandising any hair wash as Arlene or Arline, after which the motion was launched. The parties were dealing with the matter perfectly amicably, and there was no imputation upon the good faith of the defendants. It was desired to end the whole action, and the parties had therefore agreed that there should be a perpetual undertaking by the defendants not to sell, offer for sale or advertise any preparation for the hair not of the plaintiffs' manufacture or merchandise as Arlene Hair Wash or any word in connection with the name Arlene. In addition, there was an agreement, which did not come into the present matter, in connection with the word Arline; the defendants would not sell that preparation under that name until the action against Mrs. Hedges had been disposed of. Mr. Hugh Gamon (for the defendants): I agree. We are not really interested in Arline. His lordship said that by consent there would be an order in the terms agreed. The motion would be treated as the trial of the action, and all further proceedings against the defendants would be stayed.

Van Sales of Disinfectants.—At Clerkenwell Police Court, London, on October 29, Mr. Claud Mullins gave his decision in the case in which Edward Mabbutt, Camden Square, N.W., had been summoned by the Finsbury Borough Council for "selling or exposing for sale Milton disinfectant from or upon a receptacle occupying a stationary position" without a street trading licence from the Council (*C. & D.*, October 29, p. 518). Mr. Mullins, in the course of a written judgment, said:—

"Section 30 of the London County Council (General Powers) Act 1927, is not well drafted, for the word 'receptacle' in connection with 'barrow, cart, stall,' seems misleadng; and on behalf of the defendant it is argued that the rule as to 'ejusdem generis' prevents the inclusion of a large motor-vehicle, which is the vehicle concerned in this case, among 'receptacles.' But as Parliament has accepted 'cart' as a receptacle I must hold that a motor-van is one also. It is next argued by the defence that the proviso of Section 30 removes this case from the operative part of the Section. I confess I found it difficult to give any meaning to this proviso which would not nullify the operative part of the Section, but I must assume that Parliament had no such intention in passing the proviso. I hold that the proviso excepts only those brief halts which are necessary for occasional selling. I hold that this motor-van, which is staffed by two or more demonstrators and on which microphone talks are given (and these are the admitted facts in the present case), was at the material times 'selling or exposing or offering for sale.' I was told by the defendant that his performances sometimes lasted half an hour before selling operations began. This fact fortifies me in my opinion as stated, and if I am right in so holding, the fact that this motor-van is moved from place to place becomes immaterial. The next point taken by the defence is that the defendant is a licensed hawker under the Hawkers Act, 1888, and therefore excluded from the Act of 1927 by Section 40. The licence was produced, and I was informed that the words 'licensed hawker' are painted on the vehicle. But when I inspected the vehicle the defendant informed me that these words are on some part of the body not visible unless one lies on one's back in the road. These words are not 'visibly and legibly' written on the motor-van, and therefore as the defendant is a hawker he appears to be liable to a penalty. But apart from this, I hold that the 'ejusdem generis' rule has to be applied to Section 2 of the Hawkers Act, and that 'place' means not the open street but something analagous to 'other men's houses.' I hold, therefore, that the defendant is not a hawker. The case of Openshaw v. Oakley (1889, 53 J.P., p. 40) seems relevant in this connection. I accordingly convict the defendant and fine him £5 and £3 3s. costs."

Business Changes

Mr. B. H. Weller, chemist and druggist, has opened a pharmacy at London Road, Loudwater.

Mr. John H. Barker, chemist and druggist, is opening a business at 64 Greystones Road, Sheffield.

Miss D. Herbison, chemist and druggist, has opened a business at 7 Eden Park Parade, Eden Park, Kent.

Mawson & Proctor, Ltd., chemists, have opened a branch at the new Kenton Lane Estate, Gosforth, near Newcastle.

Mr. R. G. Davis has acquired the branch business of Mr H. Sanders, chemist and druggist, 1 Sycamore Road, Aston, Birmingham.

Mr. J. Woolfe, chemist and druggist, has taken over the business of Mr. W. C. Clarke, chemist and druggist, 181 City Road, Hulme, Manchester.

Mr. W. J. Edmonds, chemist and druggist, who was for many years in business in Penang, Straits Settlements, has acquired the business of Mr. C. H. Temple, chemist and druggist, 83 South Street, Eastbourne.

Mr. A. E. Fox, chemist and druggist, has taken over the business formerly carried on by Mr. R. Broadhead, chemist and druggist, 38 Commercial Street, Batley. The business is being continued under the old name.

New Companies
and Company News

P.C. means Private Company and R.O. Registered Office.

West Green Pharmacy, Ltd. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, opticians, etc. R.O.: 306 West Green Road, N.15.

Quickgloss Products, Ltd. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in cleansing pastes, polishes, sanitary wares, and the like. R.O.: 15-16 Newman Street, W.1.

Sankey Instone, Ltd. (P.C.).—Capital £100. Objects: To carry on the business of chemical engineers, manufacturers of chemicals, etc. R.O.: 7-9 St. James's Street, S.W.1.

Hapilax, Ltd. (P.C.).—Capital £2,000. Objects: To carry on the business of chemists, druggists, drysalters, etc. Solicitors: Kimbers, Williams & Co., 79 Lombard Street, E.C.2.

Personal Science, Ltd. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers of curative and health foods, etc. R.O.: 1 Dover Street, Piccadilly, W.

H. Muscat, Ltd. (P.C.).—Capital £200. Objects: To acquire the business of a chemist and druggist heretofore carried on by H. Muscat at 55 The Green, Southwick, Sunderland.

Dorilda Laboratories, Ltd. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists, manufacturers and dealers in drugs, medicines, perfumes, etc. R.O.: 37 Water Street, Manchester.

S. B. Newman, Ltd. (P.C.).—Capital £500. Objects: To carry on the business of wholesale and retail chemists, druggists, chemists' sundriesmen, etc. R.O.: 105 Rodney Road, Walworth, S.E.17.

English Mercantile and Industrial Co., Ltd. (P.C.).—Capital £100. Objects: To carry on the business of dealers in chemical and other preparations, etc. Secretary: L. W. Glyde, 56 Ludgate Hill, E.C.4.

Lewis & Melchior, Ltd. (P.C.).—Capital £100. Objects: To carry on the business of importers and exporters and merchants of chemicals, drugs, medicines, etc. R.O.: 24 Evelyn House, 62 Oxford Street, W.1.

Fuller Proprietaries, Ltd.—(P.C.) Capital £500. Objects: To carry on the business of chemists and druggists, manufacturers of and dealers in toilet requisites, etc. Solicitor: W. J. Cornish, 5, Verulam Buildings, Gray's Inn, W.C.1.

J. L. Robertshaw, Ltd. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists, druggists, oil and colour men, etc., and to adopt an agreement with J. Buckley and J. L. Robertshaw. Solicitor: F. Leigh, 27 Brazennose Street, Manchester.

Newtown Pharmacy, Ltd.—(P.C.) Capital £3,000. Objects: To acquire the businesses carried on at Chichester Road, Bognor Regis, Sussex, as "The Newtown Pharmacy," and at "Ravenhurst," The Midway, Felpham, Sussex, as "Miss Stevens' Registered Nurses."

Regal Chemicals & Industrials, Ltd. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers and merchants of chemical, pharmaceutical and industrial products of all kinds, etc. R.O.: Squirreltail Works, Knightland Road, Upper Clapton, E.5.

Sanders Manufacturing Co. (1932), Ltd. (P.C.).—Capital £1,000. Objects: To enter into an agreement with T. H. Sanders for the purchase of certain recipes for the manufacture of products for killing insects and grubs on plants and agricultural produce, etc. R.O.: 6 Castle Street, Liverpool.

Voluntary Liquidation

Rowcroft & Co., Ltd., Week Street, Maidstone, and at Tonbridge Road, Tunbridge Wells, chemists and druggists.—The statutory meeting of creditors was held recently at the offices of the Chartered Institute of Patent Agents, High Holborn, London, W.C., when Mr. Rowcroft, the managing director of the company, presided, and said that the shareholders had passed a resolution nominating Mr. C. G. Larking, of High Holborn, W.C., as liquidator of the company. The creditors decided to confirm that appointment, and also appointed a committee of inspection, consisting of the representative of Messrs. Sutton & Co., Ltd., Mr. Bouch, and Mr. Booth. A statement of affairs was submitted which disclosed liabilities of £1,429 18s. 10d., of which £1,287 was due to trade creditors; and the bank were creditors for £142 18s. 10d. The assets consisted of fixtures and fittings at both shops, £25; stock in trade, estimated to realise £300; book debts, expected to produce £23; and cash in hand, £4, making total assets of £352, from which had to be deducted preferential claims for rent and rates of £227 13s. 2d., leaving net assets of £124 6s. 10d., or a deficiency as regarded creditors of £1,305 12s. There were also certain other assets which should provide a total of £300, to be divided amongst the unsecured creditors, making a dividend of 4s. 3d. in the £.

Private Arrangement

James Henry Hadfield, 861 London Road, Westcliff-on-Sea, chemist and druggist.—The creditors were called together recently, at the offices of the Association of Manufacturing Chemists, London, E.C., when a statement of affairs was submitted which showed liabilities of £599 14s. 1d., of which £404 12s. 4d. was due to the trade, and £195 1s. 9d. to cash creditors. The assets consisted of stock £183 10s. 3d., valued at £50; fixtures £25, put down at £10, and book debts 15s., making a total of £60 15s. After allowing £23 for preferential claims, the net assets were £37 15s., or a deficiency of £561 19s. 1d. A deed of assignment had already been executed, and the debtor was of the opinion that if the business was continued the turnover should substantially increase. During the discussion the debtor stated that he would endeavour to obtain further financial assistance to enable him to purchase the assets from the trustee under the deed. A resolution was passed confirming the deed already executed to Mr. Booth.

Bankruptcy Report

Re Sidney Burden, "Alberta," New Road, Aston Clinton, Buckinghamshire, late The Old Drewery Pharmacy, Green End Street, Aston Clinton, chemist and druggist.—The receiving order was made on the debtor's own petition recently, and according to the statement of affairs lodged the ranking liabilities are £564 0s. 5d., and the net assets are estimated to produce £171 7s. 9d., leaving a deficiency of £392 12s. 8d. Debtor commenced business at Clapham Junction in 1900, and ten years later when his liabilities amounted to about £200 he paid his creditors a composition of about 4s. in the £. This year he acquired a lock-up shop known as Old Drewery House, Green End Street, Aston Clinton. His stock was obtained on credit. The receipts which were at first £6 a week gradually increased to £14 a week, but the profits were insufficient to meet debtor's personal drawings. According to a trading account prepared from February 6, 1932, to the date of the receiving order, the turnover in that period was £328 10s., the gross profit was £105 18s., the business expenses amounted to £55 18s., and the net profit was £50. Debtor's drawings were £292. At the first meeting of creditors held recently, Mr. P. S. Booth, accountant, Kimberley House, Holborn Viaduct, London, E.C., was appointed trustee of the estate, with a committee of inspection.

THE CHEMIST AND DRUGGIST
ESTAB 1859

RETAIL & DISPENSING PRICE LIST

based on definite costing principles

ISSUED QUARTERLY ELEVENTH YEAR OF PUBLICATION

THE drug index for October shows a fall due largely to the drop in the price of iodine. The figure is 146.6, against 148.7 in September and 130.5 in the corresponding period of last year. In surgical dressings there is no change, the index remaining at 136.4, against 135.0 in the corresponding month of 1931. The changes in prices for dispensing and retail distribution are as follows:—

Cost			Selling Price			
			16 oz.	4 oz.	1 oz.	1 dr.
d.	per		s. d.	s. d.	s. d.	s. d.
108	lb.	Ext. ergot. liq. ..	—	4 0	1 1	0 2
102	lb.	Hyd. bisulph. (vermilion)	12 9	3 8	1 0	—
24	oz.	Hyd. iodidum flavum C	—	—	3 6	0 6
24	oz.	Hyd. iodidum rubrum C	—	—	3 6	0 6
21	oz.	Hyd. iodidum viride ..	—	—	3 1	0 6
25	oz.	Iodoformum	—	—	3 8	0 7
21	oz.	Iodum resubl.	—	—	3 1	0 6
48	lb.	Lin. methyl salicylatis ..	—	1 9	0 6	0 1
90	lb.	Lin. potassii iodidi B.P.C.	—	3 3	0 11	0 2
51	lb.	Lin. potasii iodidi c. sapone	—	1 11	0 7	—
108	lb.	Liq. iodi fortis. ..	—	4 0	1 1	0 2
69	lb.	Liq. iodi. mitis ..	8 8	2 5	0 8	0 2
120	lb.	Liq. iodi. simp. ..	—	4 3	1 2	—
20	oz.	Menthol	—	—	3 0	0 6
9	oz.	Ol. limonis	—	—	1 4	0 3
8	oz.	Ol. limonis (Messina) ..	—	—	1 2	0 2
96	lb.	Ol. menthæ Jap.(dementh.)	—	3 5	1 0	0 2
90	lb.	Parogenum iodi B.P.C...	—	3 2	0 11	0 2
24	oz.	Pasta bismuthi et iodoformi	—	—	3 6	0 6
9	oz.	Phenacetinum	—	—	1 4	0 3
15	oz.	Phenazonum	—	—	2 3	0 4
72	oz.	Phenobarbital	—	—	—	1 6
72	oz.	Phenobarbital, sodium	—	—	—	1 6
56	lb.	Pig. iodi (Mandl) ..	—	2 0	0 7	—
64	lb.	Pig. iodi co. N.I.F. ..	—	2 4	0 8	—
93	lb.	Pig. iodi fort. N.I.F. ..	—	3 9	1 0	—
38	lb.	Pigmentum iodi meth ..	—	1 5	0 5	—
80	lb.	Pigmentum iodi meth. fort.	—	2 10	0 10	—
10	oz.	Pig. iodoformi	—	—	1 6	—
24	oz.	Plumbi iodidum ..	—	—	3 6	0 6
216	lb.	Potassii iodidum ..	—	7 9	2 4	0 4
24	oz.	Salicinum	—	—	3 6	0 6
8	oz.	Salol	—	—	1 2	0 2
23	oz.	Sodii iodidum	—	—	3 5	0 6
12	oz.	Theobromina	—	—	1 9	0 3
45	lb.	Tr. cardamomi co. ..	—	1 7	0 5	0 1
42	lb.	Tr. gentianæ co. ..	5 2	1 5	0 5	0 1
87	lb.	Tr. iodi decolorata ..	—	3 0	0 10	0 2
114	lb.	Tr. iodi decolorat. fort. B.P.C.	—	4 0	1 1	0 2
45	lb.	Tr. rhei co.	5 6	1 7	0 6	0 1
51	lb.	Ung. iodi	—	1 10	0 7	0 1
45	lb.	Ung. iodi denigrescens	—	1 8	0 6	—
34	lb.	Ung. iodi denigresc.N.H.I.	—	1 3	0 5	—
84	lb.	Ung. iodoformi ..	—	3 0	0 10	0 2
14	lb.	Ung. sulphuris ..	1 9	0 6	0 2	—
48	lb.	Vin colchici .. C	—	1 9	0 6	0 1

Stock Exchange Prices

£1 Shares unless otherwise stated	Dec. 31, 1931	Sept. 30, 1932	Oct. 31, 1932
	s. d.	s. d.	s. d.
Allen & Hanburys, 7% Prefd. Ord.	20 6	23 0	23 0
Amalg. Dental Co., 8% Prefd. Ord.	16 9	22 6	23 9
,, ,, Deferred 5s. ..	2 6	3 9	3 10½
Ayrton, Saunders & Co., 7½% Pref.	12 6	12 6	12 6
Beechams Pills, Deferred 1s. shares	1 10½	1 10½	2 7½
Benger's Food, Ord.	28 6	36 3	40 6
Benzol & By Products cum. part Pref.	—	0 9	0 9
Berger (Lewis) & Sons Ord. ..	—	15 9	20 0
Boake (A.), Roberts & Co., 5% Pref.	15 0	16 3	16 3
Blundell Spence & Co.	—	5 9	5 9
Boots Pure Drug Ord.	116 3	141 3	140 0
Boots Pure Drug, 7% "A" Prefd. Ord.	23 9	27 6	27 6
Boots Cash Chemists (S.), 6% "A" Pref.	21 9	26 0	26 0
Borax Consold., Dfd. Ord. ..	7 6	9 6	12 3
Bovril, 6% Pref.	21 3	25 0	25 3
,, Ord.	21 3	24 0	26 3
,, Defd.	33 6	28 0	27 9
British Cyanides, Ord., 2s. shares ..	0 10½	1 9	1 7½
British Drug Houses, The, Ord. ..	15 0	12 6	13 3
British Glues & Chemicals, 4s. Ord.	—	3 0	2 7½
British Oil and Cake Mills, Prefd. Ord.	26 0	36 0	36 6
British Oxygen, Ord.	13 9	20 9	23 0
British Photo. Indus., 6% Cum. Pref.	8 9	7 6	6 3
Burt Boulton & Haywood Ord. ..	—	21 3	21 3
Bush (W. J.), & Co., 5% Pref. £5 ..	58 9	60 0	60 0
Callard, Stewart & Watt, Ord. ..	12 6	6 0	5 7½
Chance & Hunt 4% 1st Mort. Deb. £100	—	£78	£78
Cooper McDougall & Robertson Ord.	—	17 9	17 6
Crosfield (Joseph) & Sons, 6½% Pref.	20 3	25 9	26 6
Drug Incorporated (no par value)..	$78	$57	$47
Dubarry Perfumery, Ord. 1s. ..	5 0	4 3	1 7½
,, ,, 7½% Pref. ..	18 9	20 0	20 4½
Eastman Kodak Com. (no nom. value)	$118	$79	$78
Evans Sons Lescher & Webb, Ord. 6s. 8d. shares	2 3	1 3	2 0
,, ,, ,, 6% cum. part. Pref.	3 3	2 9	2 9
Field (J. C. & J.), Ord.	12 6	20 9	21 3
Galloway (P. H.), Ord. 2s. ..	2 6	2 7½	2 9
,, ,, 7½% Cum. Pref. ..	19 0	22 6	23 0
Gossage (William), 6½% Pref. ..	20 6	26 0	26 6
Grout & Co., Ord.	17 6	18 0	18 9
Hodders, Ord. 1s.	0 2	0 3	0 3
Ilford, Ltd., Ord.	24 0	23 9	25 6
,, 6% Pref.	18 9	22 6	23 3
Imperial Chemical, 7% Pref. ..	19 6	25 9	27 3
,, ,, Ord.	14 3	21 3	22 9
,, ,, Defd. 10s. ..	4 3	5 7½	6 1½
Intern. Sponge Importers, 6% Pref.	6 3	6 3	6 3
Kent (G. B.) & Sons, 5½% Pref. ..	6 3	6 0	6 0
Knight (John), 25% Prefd. Ord. ..	60 0	76 3	80 0
Laporte (B.) & Co., Ltd., Ord. ..	18 0	21 3	21 6
Lever Bros., Ltd., 7% Pref. ..	20 9	27 6	27 9
,, ,, 8% Pref. ..	20 6	26 6	27 6
,, ,, 20% Prefd. Ord. £1	41 3	55 6	56 3
Lewis & Burrows, Ord.	22 6	23 3	22 6
,, ,, 6% Pref. ..	16 6	18 9	19 0
Liebig's Ext. of Meat, Ord. £5 ..	£8	£9½	£8¾
Mellin's Food, 6% Pref.	1 9	2 6	1 3
Nathan (Joseph) & Co., 7% Pref.	13 9	14 0	15 6
,, ,, ,, 8% Prefd. Ord.	5 6	4 9	5 0
Pears (A. & F.) 5% Deb. £100 ..	—	£104	£105
Phosferine (Ashton & Parsons) 8% cum. partic. Ord.	7 6	14 6	14 6
Reckitt & Sons Ord.	—	89 3	90 3
Salt Union, Ord.	26 3	31 0	34 3
Sangers, Ord. 5s.	7 3	10 4½	11 3
"Sanitas," The, Co., 9% Pref. ..	21 3	26 3	27 6
Sanitas Trust, 10% partic. Pref. ..	20 6	21 9	24 3
Smith (Stephen) & Co. Ord. 5s. ..	6 0	9 1½	9 6
Southall Bros. & Barclay, Ord. ..	107 6	131 3	140 0
,, ,, ,, 5% Pref.	20 6	23 3	23 3
Spratt's Patent, Ord.	46 3	60 0	60 0
Stevenson & Howell, 6¼% Cum. Pref.	17 0	18 9	20 0
Taylors Cash Chemists (Lon.) 1s. Defd.	0 7	0 6	0 7½
Taylors (Cash Chemists) Trust, 7½% Cum. Pref. Ord.	9 9	11 0	11 0
,, ,, ,, 1s. Defd.	0 7½	0 6	0 10½
United Glass Bottle Man., 6% Mt. Deb. Stk., £100	£100	£106	£107
Veno Drug Co., 8% Pref. ..	12 6	17 0	17 6
Virol, Ltd., Ord.	30 6	28 9	28 9
,, 7% Pref.	20 3	25 0	25 3
White (A. J.), Ltd., Ord. 10s. ..	11 3	13 9	13 0
White (Timothy), 7½% Prefd. Ord.	16 9	21 0	22 3
,, ,, 1s. Defd. Ord...	1 3	1 4½	2 0
Wright Layman & Umney (1932) 7% cum. Pref.	—	22 6	24 6
Yorkshire Indigo & Col. Dyers 5s. Ord.	—	0 10½	0 10½

Drug Trade Appeal Fund

THE biennial meeting of the subscribers to the Drug Trade Appeal Fund was held on October 26 in the board room of The British Drug Houses, Ltd., Graham Street, City Road, London, N.1. Mr. C. A. Hill presided, and there were also present Messrs. J. P. Gilmour, W. F. Gulliver, D. Lloyd Howard, L. O. Johnson, John Keall, A. R. Melhuish, D. W. Millhouse, Arthur Mortimer, E. T. Neathercoat, and the secretary (Mr. W. Johnston). The report and accounts were unanimously passed. Mr. Gulliver (former treasurer) intimated that for reasons of health and distance from London he felt compelled to discontinue his trusteeship. His resignation was regretfully accepted. On the motion of Mr. Keall, Mr. E. W. Gough (managing director, Lewis & Burrows, Ltd., London) was unanimously elected a trustee in place of Mr. Gulliver. The trustees for the ensuing two years are Messrs. E. W. Gough, C. A. Hill, D. Lloyd Howard, L. O. Johnson, John Keall, A. R. Melhuish, and E. T. Neathercoat.

The SECRETARY said he felt very sorry to inform the meeting that he had had, for domestic reasons, to leave London and take up his residence in Birkenhead. In consequence, he was handing in his resignation to the trustees. He recalled that the Drug Trade Appeal Fund was established on the initiative of Sir William Glyn-Jones in 1902. He counted it an honour to have been the secretary of such a useful Institution for twenty-seven years, and to have been associated in the work with men like Michael Carteighe, C. B. Allen, Walter Hills, John F. Harrington, Charles Umney, A. C. Wootton, Peter MacEwan, Thomas Tyrer, and also with the present trustees. Among the cases with which the trustees had dealt were several of great importance to the trade. One especially, Farmer v. Glyn-Jones, had revolutionised the vending of known and approved remedies, and had resulted in great benefit to both the vendors and the public. There was still £700 available for the purposes of the Fund. The question was asked him, the day before, "Is it worth continuing the D.T.A.F., seeing that every section of the trade now had its own association to look after its needs?" His reply was "Yes." These associations were all sectional, whereas the D.T.A.F. represented all interests in the trade. He thanked the trustees and all connected for their confidence in him during the time he had been secretary. He would like also to thank the trade Press for their help and kindness from the start. He wished the fund and its officers a continuation of prosperity. Warm appreciation of Mr. Johnston's services was expressed by the chairman and by Messrs. Keall, Melhuish, Gilmour, Howard and Johnson.

The CHAIRMAN said: I am quite certain that all the subscribers, trustees and others will wish me, on their behalf, as I also particularly wish on personal grounds, to express my unqualified appreciation of the long and most valuable services which Mr. Johnston has rendered to the Drug Trade Appeal Fund ever since its formation, and to offer unstinted thanks for those services. During his office of secretaryship, I have worked with Mr. Johnston closely and personally as chairman for many years, and can testify to the painstaking thoroughness with which he carried out his duties as secretary. Further, I desire that this expression of appreciation and thanks of the subscribers should be placed on record. Lastly, I wish Mr. Johnson every possible happiness and long life in his well-earned leisured retirement.

The biennial report and statement of accounts showed that during the period, May 1930-May 1932 no case had arisen in which the services of the trustees had been required. The trustees instructed the secretary to prepare for publication a *résumé* of the history and objects of the Fund, and to endeavour to get it published in the Trade Press. This was done, and the trustees thanked the editors of "The Pharmaceutical Journal," THE CHEMIST AND DRUGGIST, "The British and Colonial Pharmacist" and "Anticutting Record" for inserting the article. The finances of the Fund continued satisfactory, showing an excess of income over expenditure amounting to £26 18s. The market value of the stock on April 30, 1932, was £672. The meeting cordially thanked the trustees for their work, and The British Drug Houses, Ltd., for their courtesy in lending the room.

At the conclusion of the meeting, the trustees re-elected Mr. C. A. Hill chairman, and Mr. L. O. Johnson treasurer, for the next two years. Mr. Johnston formally tendered his resignation, which was accepted with regret. Mr. Arthur Mortimer, pharmacist and barrister-at-law, secretary of the Wholesale Drug Trade Association, was appointed secretary. The address of the D.T.A.F. headquarters will in future be 45 Gordon Square, London, W.C.1.

National Pharmaceutical Union

MEETINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held at 4 and 5 Queen Square, London, W.C.1, on October 25, Mr. P. F. Rowsell in the chair.

HIRE OF OXYGEN FITTINGS

The secretary reported that the Ministry of Health had agreed to the suggestion made by the Executive that the payment for the hire of oxygen fittings should be increased to 1s. 6d. per week.

PROPRIETARY MEDICINES BILL

The Executive considered and discussed in detail the Canadian Act respecting proprietary or patent medicines, in order to ascertain how far this would meet the requirements of the chemists in this country, or, if not, what amendments would be necessary.

NATIONAL ADVERTISING

The secretary reported that the arrangements for the district meetings at which the question of national advertising was to be discussed were practically completed.

C.D.A. Matters

The secretary reported that of the twelve cases outstanding since the last meeting of the directors three might be considered closed, but the remaining nine were still the subject of negotiations. Sixteen new cases had arisen during the month, of which seven had been settled as follows:—Customer's clothing damaged by nitric acid; claim settled by payment of £3. Illness caused by camphorated oil being supplied for olive oil; claim settled by payment of £7. Chutney spoiled by gentian powder supplied for ginger powder; claim settled by payment of 10s. 6d. Damage to another cycle by cycling errand-boy; claim settled by payment of £1 4s. Damage to taxi-cab caused by cycling errand-boy; claim settled by payment of £1 13s. Injuries to postman caused by cycling errand-boy; claim settled by payment of £3 4s. 1d. Damage to customer's clothing by hydrogen peroxide; claim settled by payment of 5s. The secretary reported upon police-court cases, upon the legal advice which had been given to members, and upon the ten analyses which had been undertaken during the month.

Branch Meetings

Bournemouth.—A meeting of the Bournemouth and District Branch of the National Pharmaceutical Union was held recently, Mr. Norman K. Phillips in the chair. Nearly forty members and assistants were present to hear an address on *The Biological Aspects of the B.P., 1932*, given by Dr. H. A. Mitchell (Evans Biological Laboratories, Runcorn).

Festivities

Thames Valley Supper

MEMBERS of the Thames Valley Pharmacists' Association opened the winter session with a supper on October 20 at the Kingston Hotel, Kingston-on-Thames. There was a large attendance to support the president (Mr. W. S. Howells). After supper the president welcomed the company. He introduced Mr. James Dobson (Hounslow), president of the West Middlesex Chemists' Association, who was present as a guest. Mr. Dobson, he said, was for many years an active member of the Thames Valley Association. Mr. Dobson, in reply, said he was very pleased to be once more amongst the members of his old Association.

Surgical Instrument Manufacturers' Dinner

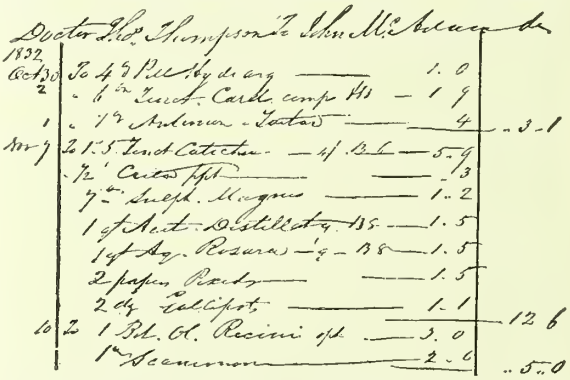
THE annual dinner of the Surgical Instrument Manufacturers' Association was held at the Holborn Restaurant, London, W.C.1, on October 14, Mr. Patrick C. Maw (chairman) presiding. The guests included Mr. Duncan C. Fitzwilliams, C.M.G., M.D., and Mrs. Fitzwilliams, Sir Charles Hipwood, K.B.E., C.B. (director of the National Union of Manufacturers), and Mr. F. Gladstone Hines (president of the Pharmaceutical Society of Great Britain). In proposing the toast of "The Association," coupled with the name of the chairman, Mr. Fitzwilliams said in a trade such as theirs and a profession such as his he thought they should work together. Mr. Patrick C. Maw, responding, said perhaps one of the most important things they had tackled this year, and about which they were awaiting the result, was the question of a tariff on surgical instruments. Mr. E. W. Mayer, in proposing the toast of "The Guests," said it took six or seven years to make a skilled surgical instrument maker. Sir Charles Hipwood, responding, said it was up to those who had to buy surgical instruments to consider whether the British was not the best. Mr. Hines, who also responded, emphasised the value of personal conferences.

Leeds Chemists' Dinner

THE annual dinner of the Leeds and District Branch of the Pharmaceutical Society and the Leeds Branch of the National Pharmaceutical Union took place on October 27 at the Hotel Metropole. Mr. Paul Dobson (chairman of the Society's Branch) presided. The company included Mrs. Dobson, Mr. A. L. Peters (chairman of the N.P.U. Branch) and Mrs. Peters, Mr. J. W. Atkinson (a member of the Society's Council), Mr. H. Gilleghan (past-chairman of the N.P.U. Executive) and Mrs. Gilleghan, Mr. N. N. Armitage (vice-president of the P.A.T.A.) and Mrs. Armitage, Mr. John Saville (president of the York and District Chemists' Association), Mr. Frank Swire (vice-chairman of the Society's Halifax Branch) and Mrs. Swire, Mr. N. C. M. Frobisher (head of the Leeds Juvenile Employment Bureau) and Mrs. Frobisher, Mr. N. H. Burns (vice-chairman of the Leeds N.P.U. Branch) and Mrs. Burns, Mr. W. P. Bowman (Goodall, Backhouse & Co.), Mr. Geoffrey Hirst, Mr. M. L. Daniels (Nottingham), Mr. G. C. Crummack (secretary of the Society's Leeds Branch) and Mrs. Crummack. Mr. Crummack, proposing a toast to "The Pharmaceutical Society," said the progress of pharmacy organisation was due to a perfect relationship and understanding between the various organised sections of the craft. Some critics thought the parent body might give local branches rather more responsibility in carrying out schemes. He had in mind the Leeds apprenticeship scheme, which, they were convinced, would be of immeasurable benefit if they were given full authority to carry it into effect in conjunction with the local Education Authority. Mr. Atkinson, replying, said he greatly admired the Leeds scheme, and he did not think the Council was likely to offer any objection to its local application or that the Leeds chemists required any special mandate to do so. Mr. Atkinson made a strong appeal on behalf of the Benevolent Fund. The toast of "The National Pharmaceutical Union" was proposed by Mr. Peters, who referred to the many difficulties and unexpected problems which nowadays arose in pharmacy. Mr. Gilleghan, responding, said the N.P.U. had recently revised its constitution with a view to effecting better organisation to fight the battles of chemists. It was gratifying to know that in Leeds they had 98 per cent. of the retail chemists of the area in N.P.U. membership. Mr. Frobisher, responding to the toast of "The Ladies and Visitors," proposed by the chairman, also referred to the Leeds apprenticeship scheme.

A Century Ago

WE have been favoured by a correspondent (20/9) with the loan of three bills sent by Mr. John McAdam, 31 Donegall Street, Belfast, to Dr. Thomas Thompson, R.N., of the same street. The first of these ran from October 30, 1832, to November 21, 1833; the amount, £15 12s. 6d., was, after adjustment for "sundry errors" and other deductions, paid on January 10, 1834. This document is written on a sheet of paper folded so as to make four folios each about 16 in. long by 5 in. wide, and is almost identical in size with one in our possession written in 1787-88. There are no cash columns, but a red ink line has been drawn ⅝ in. from the left margins and ¾ in. from the right. We reproduce on a slightly reduced scale the beginning of this document.



The second bill is written on a sheet folded into four pages, each measuring 9¼ in. by 7½ in. Its entries commenced on January 1, 1836, and ended on October 22, 1836. The total was £18 1s. 3½d.; the amount was paid in two sums, being finally settled on July 21, 1837. The third bill covered the period January 20-May 9, 1837. It is written on a bill-head with Mr. McAdam's name printed (somewhat awry) at the top and machine-ruled date and cash columns on three of its four pages.

Dr. Thomas Thompson seems to have been an orthodox prescriber with no marked tendency to adventure. The most exciting items to be found in these bills are "Sulph. Quinina" (one might have expected to find the second word written "Quinia") at 7s. 6d. per oz., and the "Oxid. Bismuth" at 1s. per oz. Pulv. cinchon. opt. seems relatively cheap at 3s. per lb., as also do three dozen gallipots for 1s. 6d. and 1 lb. of spt. ammon. arom. (with bottle) for 2s. 6d. On the other hand, lint is priced at 5s. per lb., pulv. Doveri at 1s. per oz., and "phials sorts" at 2s. per doz. For the rest, blue pill mass, elixir of vitriol, "hydriod. potas.," syrup of squill, castor oil and many more traditional remedies occur frequently in these interesting records. Not everything was passed unchallenged by the naval surgeon. Thus, in the first account we find the entry "1 Marble Tile 3s." accompanied by the pencilled note "not marble," and "2 oz. Pulv. Rhei opt. 1s." crossed out with the brief comment "bad." Eventually 1s. was deducted by Mr. McAdam in respect of the rhubarb; but the fate of the tile is left in the obscurity of the "sundry errors."

Glasgow Discusses the New British Pharmacopœia

A MEETING of nearly 400 members of the Glasgow and South-western Scottish Branch of the Pharmaceutical Society, medical practitioners and friends was held in the Ca'doro Restaurant. Glasgow, on October 26, Mr. W. J. Moffat (chairman) presiding. The chairman was supported by Messrs. W. Meldrum (vice-chairman), Thomas Guthrie (a member of the Society's Council), J. Rutherford Hill (resident secretary in Scotland), and others. The chairman intimated that the Kinninmont scholarship had been won by Mr. Edwin I. Greig, and the runner up was Mr. James S. Chaplin. Mr. Greig, in addition to the scholarship, was presented with a copy of the British Pharmacopœia by the Branch, while Mr. Chaplin was made the recipient of a copy by the Kinninmont trustees. The prizes were handed over by Mr. R. R. Bennett, B.Sc., F.I.C., Ph.C., who delivered

A Talk About the B.P., 1932

Mr. Bennett pointed out that the policy of the Pharmacopœia Commission had been to produce a book of standards, and not merely a formulary of drugs and preparations. Further, they had aimed at producing a book fully representative of modern therapy, and for that reason a considerable number of the articles and preparations official in the B.P., 1914, had been deleted, and many new preparations had been added. It had been thought that the tropical parts of the Empire and the Colonies should have their own local supplementary formularies, with legislative enactment, if necessary, to make them official, and for this reason many drugs having mainly a local use had been deleted. Other substances had been deleted on the ground that they were the less important members of certain groups of drugs having similar actions and uses, while many of the formulas for mixtures, pills, compound powders, and other simple galenicals had been omitted on the ground that the prescribing of such combinations of drugs should be left to the individual prescriber.

Throughout the revision of the Pharmacopœia there had been free interchange of information between the Commission and those responsible for the revision of the British Pharmaceutical Codex, and all the drugs and preparations included in the B.P., 1914, but omitted from the B.P., 1932, would be appropriately described in the next issue of the Codex. It seemed highly desirable that the two books should not overlap, but should become companion volumes which could be revised side by side, and published at regular intervals within a short period of one another. Alterations had been made in the composition and strength of about fifty preparations, but there were no violent changes in strength which would be likely to cause accidental overdosing.

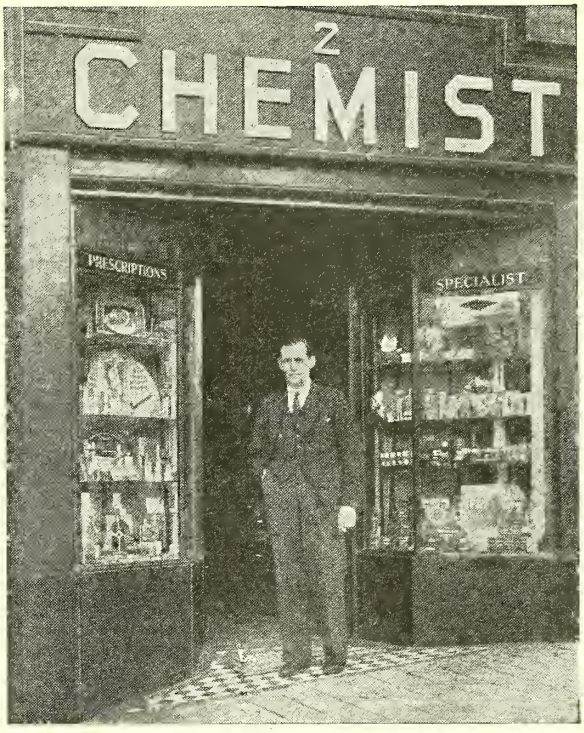
Mr. Bennett dealt in considerable detail with the preparations of ergot, and with the standardisation of the new liquid extract of ergot in terms of total alkaloids, calculated as ergotoxine. He thought the attention of prescribers shoud be directed to prepared ergot, particularly as a means of supplying the outlying parts of the Empire with a stable and active preparation. He urged all the medical practitioners present to study the monograph for thyroideum, and to desist from the practice of prescribing thyroid in terms of the fresh gland. He pointed out that in the Pharmacopœia an attempt had been made to clarify the confusing position which had existed for so long. Thyroxine-sodium was an interesting addition to the Pharmacopœia. Now that thyroxine could be made synthetically, it could be supplied at a cost which compared favourably, dose for dose, with the desiccated natural gland.

Mr. Bennett said that the preparations of digitalis were worthy of special comment. The new official standardised powdered digitalis was an especially important addition to the Pharmacopœia. It could be administered in powder form, but it was also required for making the fresh infusion of digitalis. If used for the preparation of tincture of digitalis there was no obligation to standardise the resulting tincture. It was to be noted that the use of a concentrated infusion of digitalis was not officially sanctioned. Mr. Bennett concluded by stating that work was now proceeding upon the revision of the 11th edition of the United States Pharmacopœia, which was due to appear in 1935. A ten years' interval was now regarded as convenient on both sides of the water between national issues of the Pharmacopœia, and it was hoped that in future the issue of the British and the American publications would alternate every five years. In this event, the next British Pharmacopœia would appear in 1940, and henceforward at regular intervals. It was hoped that the production would remain in the hands of a permanent Commission, with a permanent secretary, and full-time research assistants.

Discussion

A very instructive discussion took place, the following taking part:—Messrs. James Lennox, D. G. Mackenzie, M. Newal, T. L. Sinclair, Stuart, Schorn, W. J. Moffat, D. Black, D. Gemmell, Arthur Duncan, and Dr. J. P. Todd. Mr. Bennett replied to all the points raised, and on the call of Mr. Meldrum was accorded a very hearty vote of thanks, while Mr. Thomas Harley proposed a similar compliment to the chairman.

A New Pharmacy in Dublin



Entrance to the New Corner Pharmacy of Mr. J. Gleeson, M.C.P.S.I., Terenure Road North, Dublin

Trade Notes

KRASKOL is the name of an under-arm deodorant made by Kraska Co., Ltd., 65 Portobello Road, London, W.11.

ANVER'S FOOD.—We have received from Anver's Food Co., Sunshine Works, Manchester, a sample of Anver's food, together with a new cut-out showcard (illustrated herewith), for window or counter display. Not the least important feature of a good food is an adequate supply of accessory food factors, and, according to literature supplied to us, Anver's food has a very high vitamin content. The directions for use are simple, and the food is stated to be easily digested. A free sample tin will be sent to any chemist on request.

PRIDEAUX'S, LTD., Motcombe, Shaftesbury, can supply English dried milk and allied products in bulk, tins or cartons.

SNOW.—Details regarding the Snow bonus offer are announced in the advertisement of The Britannia Laboratories, 13 Little Titchfield Street, London, W.1.

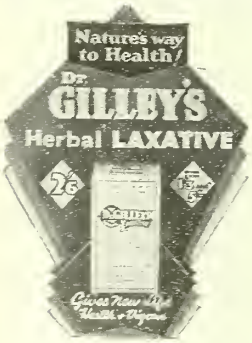
MACLEAN'S POWDER, packed to retail at a popular price, is supplied by Krusts, Ltd., manufacturing chemists, 65 Marlborough Road, Hightown, Manchester.

WILSON & MANSFIELD, 15 Philpot Lane, London, E.C.3, are the agents in this country for the Australian eucalyptus oil shipped by W. K. Burnside Pty., Ltd., Melbourne.

COD-LIVER OIL for animal and poultry feeding is packed in all sizes from a pint to 40 gallons, by Tomlinson & Hayward, Ltd., 51 Newland, Lincoln. Samples and prices will be sent on application.

MR. THOMAS HARLEY, chemist and druggist, Perth, will send a supply of Rodine showcards to any chemist who wishes to link up window displays of this vermin killer with the extra newspaper advertising to be undertaken in connection with Rat Week, November 7 to 12.

PHILLIPS YEAST PRODUCTS, LTD., Park Royal Road, London, N.W.10, are shortly to advertise nationally Phillips' Pure Live Yeast, a sample bottle of which is being sent free of charge to chemists. Window display terms are being offered, details of which are given in the company's advertisement in this issue.

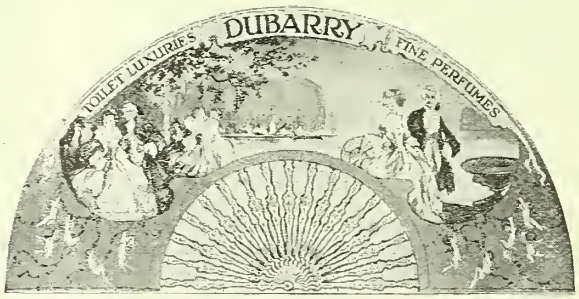


GILLEY'S HERBAL LAXATIVE is about to be extensively advertised, and, in order to enable chemists to link up with this campaign, the proprietors, Gilley's Laboratories, Ltd., 5 New Quebec Street, London, W.1, have prepared the neat "container" showcard illustrated herewith. Special bonus terms are offered for window displays.

PAINES & BYRNE, LTD., 31 Southampton Street, Fitzroy Square, London, W.1, have sent us copies of three leaflets which they have recently published, namely, "Pabyn Simple Liver Extract in Secondary Anæmia," "A-Menotab," "Obesity of Endocrine Origin and its Treatment." These will be sent to anyone interested.

PRICE REDUCTION.—Menley & James, Ltd., Box 12A Hatton Garden, London. E.C., announce a reduction in the price of Pyridium products—the second in a little over twelve months. The new rates are published elsewhere in this issue, and chemists who have stocks purchased at the higher prices should apply for any credit due to the difference between the old and the new.

CHRISTMAS GIFTS.—Those of our readers who are now in the midst of Christmas buying will doubtless be interested in the accompanying illustration of the handsome screen which is being sent out with Christmas orders by The Dubarry Perfumery Co., Ltd., Goldstone



Laboratories, Hove. This screen has been beautifully reproduced from an old fan and is in keeping with the usual artistic presentation of Dubarry products. We illustrate also two examples from a wide range of gifts, the Dubarry vanity box for loose powder (supplied in either Dubarry's Permagold metal or in Dubarry's Platinoid), and the "Jack in the Box" lipstick. The latter is operated by a slight movement of the

thumb on the push-button, which causes the hinged flap to open and the lipstick to protrude. The case is made of nickel silver, and can be refilled. A full range of Christmas lines is described and illustrated in the company's list, "Gifts by Dubarry."

EASIER WRAPPING.—L. T. Lauder, 4 Miles Hill Street, Leeds, has sent us particulars of the Easi-fold wrapping appliance. This is a simple and inexpensive device specially constructed for the easy manipulation of transparent cellulose wrapping. Use of the Easi-fold, the maker claims, results in less strain on the operator, neater work and larger output.

BASS & TANNER, LTD., manufacturing chemists, 36 Haymerle Road, Peckham, London, S.E.15, are the

makers of 8.15 shaving cream, which is prepared for use without brush or lather. This cream, the makers state, is suitable for any skin, however tender or hard. The sample before us is enclosed in a glass pot fitted with a neat black engine-turned bakelite cap. The cream is delicately perfumed and is applied with the finger tip.

B.P. 1932.—C. J. Hewlett & Son, Ltd., 35 Charlotte Street, London, E.C.2, have sent us an advance copy of "Notes on the British Pharmacopœia 1932," by E. J. Millard, Ph.C. Following a brief introduction an excellent synopsis is given under the headings of "Changes in Nomenclature," "Synonyms," "Dosage," "Additions," "Omissions," "Changes of Name," "Important Alterations and Additions," and "Appendices." A copy of this publication will be sent to all the company's customers and any other chemist in business can obtain one on application.

New Cutex showcards. — The three Cutex showcards shown herewith have been selected for illustration from a set sent to us by J. C. Gambles & Co., Ltd., wholesale distributors, 211 Blackfriars Road, London, E.C.1. In the centre showcard blue and silver form an effective background for a range of Cutex lines. The two remaining showcards are unusually attractive, having silver backgrounds upon which are mounted (slightly raised from the silvered surface) neat coloured cut-out figures. Writing with regard to the supply of this material, Messrs. J. C. Gambles state: "You will quite appreciate that there are not too many of these

available, yet those of our retail friends who can definitely promise a good and conspicuous display in their windows can have a set on application. But it must be clearly understood that they should not be disappointed if their application should arrive too late, because, as already indicated, there are but a strictly limited number of cards available."

Births

Notices for insertion in this column must be properly authenticated.

Anderson.—At the nursing home, 18 Walker Street, Edinburgh, on October 18, Caroline Anderson (*née* Younger), chemist and druggist, the wife of Frederic C. Anderson, of a son.

Middleton.—At "Up Along," 32 Victoria Avenue, Cheadle Hulme, Cheshire, on October 29, the wife of Thomas J. Middleton, M.P.S., of a son.

Paines.—At St. Peter's, Shepherd's Way, Ricksmanworth, on October 22, the wife of H. W. Paines, chemist and druggist (Paines & Byrne, Ltd., London, W.1), of a son.

Thorpe.—At St. Mary's Hospital, Manchester, on October 21, the wife of A. E. Thorpe, M.P.S., Levenshulme, of a daughter.

Marriages

Jones—Mills.—At the Parish Church, Smarden, Kent, on October 26, Douglas Lyndon Jones, Ph.C., Little Common, Bexhill-on-Sea, to Katharine Eleanor Halford Mills, daughter of the late Mr. H. L. Mills, Clagget House, Smarden.

Thomas—Watkins.—At St. David's Church, Abercrave, Swansea, John E. Thomas, chemist and druggist (W. Prosser Thomas & Co., Ltd., chemists), Ystalyfera, Glamorgan, to Jeannie A. Watkins.

Deaths

Brookes.—At Monksmead, West Runton, Cromer, on October 25, Mr. Arthur Charles Brookes, editor of the "Photographic Dealer." Mr. Brookes was for many years secretary of the British Photographic Manufacturers' Association, and was also well known as the organiser of the "Photographic Fairs."

Cawkwell.—Recently, Mr. George Law Cawkwell, M.B., Ch.B., Ph.C., Remuera, Auckland, New Zealand. Dr. Cawkwell, who was born in 1870, was in business as a pharmaceutical chemist in New Zealand for some time before graduating in medicine at Edinburgh University.

Blair.—At 7 St. Patrick Street, Cork, on October 30, suddenly, Mr. Richard Blair, L.P.S.I., a past-president of the Pharmaceutical Society of Ireland, aged seventy-three. Mr. Blair was the eldest son of the late Mr. John Blair, L.P.S.I. He passed the Licence examination of the Pharmaceutical Society in 1882, and succeeded his father in business. For about twenty-five years Mr. Blair was a member of the Council of the Society; he was elected vice-president in 1921, and held office as president from 1924 to 1926. On October 30 he left his residence in the morning, and was found dead in his pharmacy by an assistant some hours later. His sudden death has evoked widespread sympathy in Cork and the district.

Mr. R. Blair

Fairburn.—At Market Place, Northallerton, on October 30, Mr. Henry Fairburn, chemist and druggist, aged sixty-four. Mr. Fairburn succeeded his uncle in business at Northallerton forty years ago. He was well known locally as an active member of the Parish Church, and during the recent war was in command of a Voluntary Aid Detachment of the British Red Cross Society. He was one of the oldest members of the Anchor Lodge of Freemasons. Mr. Fairburn leaves a widow and a son.

O'Donovan.—At Prestatyn, recently, Mr. Daniel Cornelius O'Donovan, retired chemist and druggist, aged seventy-six.

Owens.—On October 19, Mr. James Alfred Owens, chemist and druggist, North Street, Martock, aged fifty-three.

Powell.—At Connah's Quay, on October 26, very suddenly, Mr. Albert Reuben Powell, chemist and druggist, the beloved husband of Nellie Powell, aged forty-eight.

Telegrams: "Atoleine Sedist, London."

Telephone: Bermondsey 1141

John Bell, Hills & Lucas Ltd.

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EXTRACT OF MALT & COD LIVER OIL
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Send for Sample & Prices

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COMPOUND ESSENCE for EAU de COLOGNE LUX
Prepare high class Eau de Cologne With
ESSENCE COMP. pour EAU DE COLOGNE LUX "ESPERIS,"
From The Fresh & Best Italian Oils
One dose per pint: - 100 Grs. for s 12 Postfree
ESPERIS - Via Bollo, 4 - **MILAN** (ITALY).

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COD LIVER OIL
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Full vitamin certificate. Guaranteed pure and fresh.

Write now for samples and prices for present or forward delivery—packed in all sizes—from 1 pint to 40 gallons.

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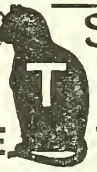
Tubes and vials of 24 Cat Units, retail 3/6

From Wholesalers, or the British Empire Agents,

UPSHER SMITH
DIGITALIS
TINCTURE TABLETS



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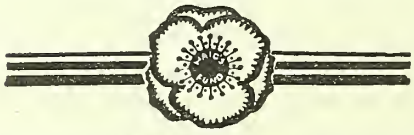

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Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

M/211. Arnold's rat biscuit
H/2910. Convitats Anatolia liquorice sticks
M/211. Hardman's pills
E/211. Johnson's brown eye salve
W/211. Protocaine
O/3110. Shari Longlois face compacts

THE
CHEMIST AND DRUGGIST
VOL. CXVII. NOVEMBER 5, 1932 NO. 2752

The Sale of Medicated Wines

In view of the rejection of medicated wines by those responsible for the compilation of the new British Pharmacopœia, we have addressed an inquiry to the Commissioners of Customs and Excise as to the possibility of a change in their attitude regarding the sale of such wines. The following reply (No. 311072/1932) has been received:—

Custom House, Lower Thames Street,
London, E.C.3.
November 1, 1932.

Sir,—With reference to your letter of the 26th ultimo, I am directed by the Commissioners of Customs and Excise to state that their practice as regards the sale of medicated wines and sweets without Excise licence by chemists will not be affected by the non-inclusion of wines in the British Pharmacopœia, 1932.

Sale of the medicated wines and sweets included in the 1914 Edition of the British Pharmacopœia will continue to be allowed without Excise licence provided that the directions as to dose, etc., on the label clearly indicate that the preparation is intended for use as a medicine, and not as a beverage.

I am, Sir,
Your obedient servant,
J. W. TRAIN.

The Editor,
THE CHEMIST AND DRUGGIST,
28 Essex Street, Strand, W.C.2.

Chemists in business will be glad to know that, so far as the Board of Customs and Excise is concerned, there is no change in the conditions governing the sale of medicated wines.

Price Uniformity in Dispensing

The question of prices was again raised at the Chemists' Exhibition in Glasgow by the chairman of the North British Executive of the Pharmaceutical Society. The need for a price scheme in dispensing prescriptions is always more urgent when a degree of uncertainty arises; such an uncertainty is bound to occur over the introduction of a new Pharmacopœia. Judging from the reports, there was a desire for some understanding towards a uniform system of pricing prescriptions. This serves to emphasise a subject we have ventured to write about on several occasions. Many letters have been received endorsing the attitude we took recently, and it is encouraging to know that improvement in pricing prescriptions has been shown. However, a prescription for pricing reached us the other day revealing the fact that one chemist had charged 2s. 6d., the next 6s. 6d., and the legitimate price was 7s. 8d.

Principle Not Quantity

It is immaterial whether the business is large or small so far as the dispensing of medicines is affected. Drugs and chemicals in average dispensing quantities cost practically the same to the departmental store as to the suburban chemist or the chain-store organisation. Anyone can test this if he will take the price list issued by the Ministry of Health and price prescriptions on the basis there set out; he will find a remarkable uniformity. It does not affect the argument that some of the prices are based on quantities not usually bought; what is of importance is that in pricing prescriptions quantity is of less value than in any other part of the chemist's business. Uniformity in pricing is easy if chemists will only keep awake when they are pricing, and so eliminate this common guesswork. What matters is to come to some agreement over what is understood by oncost or overhead charges and professional fees. This point is where systems differ. We have published our method, outlined on cost based on impartial investigation by chartered accountants. Its basis largely governs the contract system under National Health Insurance in England and Wales. It does not help to say that basis is insufficient; what is material is that actuarially it has not been proved to be wrongly conceived. All that is wrong with it from the chemist's point of view is that the margin is too close. But if the margin is too close, why accentuate an error by piling another on it and charging contract prices for non-contract work?

A Simplification

The price of materials for prescription work is practically the same for all parties; that being so, the next step is obvious, and probably chemists in Scotland might find it easier to take the lead in these matters, seeing that the problem is more simple to them than in the southern part of Great Britain. We venture, however, to suggest, before attempting anything on these lines, the investigation and analysis of what must now be regarded as historical experiences. The problem in England and Wales is more complicated but far from being insoluble. The next few months will accentuate differences unless a prophet arises from the younger generation. Let us consider the new Pharmacopœia. Infusum gentianæ compositum concentratum, of unspecified manufacture, is 1s. 9d. per lb., and the 1932 B.P. variety is 2s. 6d. per lb. On the other hand, we have pulvis rhei compositus, 1932, 2s. 9d. per lb., against 3s. 3d. for that of the B.P. 1914. Changes in strength make it difficult enough for chemists to keep their wits about them, but changes in prices are things which affect the bank balance if carelessness creeps in. A uniform system of pricing prescriptions is something long overdue; but, as we have pointed out, the one thing needful is to accept the standard list cost and add the oncost to it, then it is a simple matter to come to an understanding on professional fees. The prescription cost of drugs is uniform; the oncost is a variant; but only unbusinesslike attitude can ever make professional cost a variant. The component parts of pricing are practically simple; but chemists await uniformity in pricing, while in truth their inability to agree accentuates their mistake of expecting some providential dispensation.

Pharmaceutical Society of Great Britain

Council Meeting

A MEETING of the Council was held at 16 Bloomsbury Square, London, W.C.1, on November 2, Mr. F. Gladstone Hines (president) in the chair.

TUESDAY'S PROCEEDINGS

Among the business transacted at the meeting of the Council held on November 1 was the consideration of a report from the Education Committee containing the proposed regulations for post-graduate diplomas in biochemical analysis and pharmaceutical analysis. The regulations were approved by the Council.

It was agreed that invitations from the Council should be sent to the Canadian Pharmaceutical Association, the American Pharmaceutical Association, the pharmaceutical societies of a number of European countries and the International Pharmaceutical Federation to send delegates to the meeting of the British Pharmaceutical Conference to be held in London in July 1933.

DEATHS

On the resumption of the proceedings on November 2 the PRESIDENT made appropriate reference to the deaths of three people closely associated with pharmacy—Mrs. Holmes, widow of the late Mr. E. M. Holmes, who was emeritus curator of the Society's museum; Mr. Watson, of Dublin, a former president of the Pharmaceutical Society of Ireland; and Mr. J. H. Dinwoodie, of Johannesburg, a life member of the Society.

ELECTIONS AND RESTORATIONS

Eighty-six persons were elected as members of the Society, and three persons as student associates. A number of persons were restored to the Society, and two persons were restored to the Register. The registrar reported that 219 persons had been registered as apprentices or students.

EXAMINERS APPOINTED

The following were appointed members of the Board of Examiners for England and Wales for the ensuing year:—Bentley, Arthur Owen; Berry, Harry; Brady, Oscar Lisle; Carter, Nellie; Coates, John Edward; Corfield, Charles Edwin; Crowther, James Arnold; Davis, Harold; Evers, Norman; Fouracre, Robert; Furnivall, Stephen; Greenish, Henry George; Haas, Paul; Highfield, Fred Cholerton; Hill, Thomas George; Howarth, Willis Openshaw; Kirkaldy, Patrick Henry; Kluge, Herman James; Linnell, Wilfred Herbert; Lownds, Louis; Mackie, Henry Brown; Owen, Eirwyn; Preston, Ernest; Priestley, Joseph Hubert; Rankine, Alexander Oliver; Ridley, Thomas Moore; Salisbury, Edward James; Self, Percy Arthur William; Sutherland, George Arthur; Tabor, Richard John; Taylor, Archibald Leonard; Thoday, David; Tickle, Thomas; Tyndall, Arthur M.; Wallis, Thomas Edward; Ware, Alan Henry; Webb, Harry William; Young, Arthur Edward.

The following were appointed members of the Board of Examiners for Scotland for the ensuing year:—Blackie, Joseph John; Carruthers, James; Dall, John; Graham, Robert James Douglas; Hunter, Robert Eric; Kendall, James Pickering; Ludlam, Ernest Bowman; Milne, James Robert; Morrison, Mary; Perrins, Gordon; Ramsay, John Henry; Smith, William Wright; Stout, Henry; Wilson, Thomas.

PRESENTATION TO THE SOCIETY

A letter was read from Mr. W. H. Quarrell asking the Council's acceptance of a portrait engraving of Dr. Henry Moyes, of Edinburgh, who was a lecturer in chemistry at Edinburgh University and died in Manchester in 1807. Dr. Moyes was blind from the age of three

The PRESIDENT expressed the thanks of the Council to Mr. Quarrell for his interesting gift.

RECIPROCITY ARRANGED

A letter was read from the registrar of the Pharmacy Board of South Africa, enclosing a copy of the "Union Gazette" containing a notification of the acceptance of the Society's diplomas for registration in the Union.

EDUCATION COMMITTEE

Presenting the report of the Education Committee, Mr. PECK referred to the remarks made by Mr. Jack some time ago on the question of the age limit for the herbarium competition, and his suggestion that it should be raised. The Committee had considered the matter, and while they did not think it would be advisable to extend the age limit beyond twenty-one, they suggested that the period for the collection of plants might be extended. There was no need to concentrate the collection in one year. That meant that entrants could start in their earliest days, and build up their collection gradually. He thought such an arrangement would stimulate interest in the competition, and result in the collection of plants, which would be very valuable in later years. The date for collections to be sent in should be altered to January 1. If the Council agreed to the suggestions, the Committee would draw up a new set of regulations and submit them for approval at a subsequent meeting. The report was adopted.

BENEVOLENT FUND COMMITTEE

The report of this Committee showed that fifteen applications had been received and grants made, or now recommended, ranged from £13 to £39. From the Committee's quarterly report it appeared that of thirty-two cases considered thirty received grants amounting in all to £644. During the same period receipts amounted to £690 6s. 2d. The following special contributions were acknowledged:—Manchester Branch, £24; Rochdale Pharmacists' Association, £6 5s.; Chesebrough Manufacturing Co., £5 5s.; J. Aspell, £4 4s. 9d.; Wolverhampton and District Chemists' Association, £3 3s.; Lancaster and District Branch, £3; Watford Branch, £2 10s.; W. A. Mansbridge, £2 2s. 8d.; H. R. Lowther, £2; J. H. Shepherd, £2; Gt. Yarmouth Pharmaceutical Association, £1 10s.; Oldham Branch, £1 5s.; J. McGuffie & Co., 6s.

Mr. BEARDSLEY made a special appeal for more generous support of the fund. He mentioned that last year, owing to financial stringency, it was not possible for the Committee to make the usual Christmas presents to the annuitants. He hoped, however, that this year they would be able to resume the practice of presenting gifts.

The report was adopted.

WAR AUXILIARY BENEVOLENT FUND

The report of the Committee showed that three applications had been received, and grants of £5 and £26 respectively had been made in two cases. During the quarter sixteen grants had been made, amounting to £519 10s. The report was adopted.

BRITISH PHARMACEUTICAL CONFERENCE

A report of the meeting of the Executive of the British Pharmaceutical Conference stated that they had discussed preliminary arrangements for the London meeting, Monday, July 24, 1933, being the opening date approved. The report was adopted.

FINANCE COMMITTEE

The financial statement showed that receipts during the month, including a balance of £4 6s. 6d., amounted

to £9,391 1s. 4d., comprising the following items:—Subscriptions, £98 14s.; registration fees, £632 2s.; restoration fees, £1 1s.; examination fees, £12 12s.; School, £2,151 9s. 3d.; Pharmacological Laboratories, £127 1s.; penalties and expenses, £97 7s. 11d.; refund by secretary of balance of advance for expenses in Canada, £43 15s. 4d.; rentals, £546 5s.; interest on deposit, £7 7s. 7d.; "Pharmaceutical Journal," advertisements, etc., £994 16s. 8d.; Quarterly Journal, £5 16s.; "Pharmaceutical Pocket Book," £6 10s. 3d.; Registers, 12s. examination papers, £9 7s. 6d.; Pharmaceutical Press publications, £47 16s. 10d.; "Forensic Pharmacy," £14 13s. 9d.; B.P. Codex, £15 18s.; F.S.S.U. contributions, £16 7s. 10d.; emergency account—refund by treasurer, £1,000; transfer from deposit account, £3,550; sundries, £7 0s. 11d. Payments ordered at the last meeting amounted to £9,361 0s. 11d., leaving a balance of £30 0s. 5d. The balances on the other accounts were:—Benevolent Fund (current account), £3 2s. 6d.; Benevolent Fund (donation account), adverse balance, £14 15s. 9d.; War Auxiliary Benevolent Fund, £25 15s.; Orphan Fund, £34 4s. 9d. Accounts amounting to £6,105 9s. 10d. were passed for payment, and the action of the secretary in making payments amounting to £1,275 13s. 10d. was approved. The report was adopted.

Law Committee

The report of the Law Committee, presented by Mr. Marns, stated that in England and Wales, since the last report, 757 shops have been visited; of these 525 were chemists' shops. In one chemist's shop no certificate was exhibited. At eighteen of the remaining 132 shops visited certain infringements of the Pharmacy Acts were reported. In Scotland, since the last report, seventy-seven chemists' shops have been visited, in all of which certificates were exhibited.

This was all the public business.

Branch Meetings

Bath.—The annual meeting of the Bath and District Branch was held recently, when the following officers were elected for the ensuing session:—*President*, Mr. W. H. Hallett; *Vice-President*, Mr. T. Swain; *Treasurer*, Mr. R. H. Moore; *Secretary*, Mr. T. J. Cornish; *Committee*, Miss N. I. Ozzard, Messrs. J. Aspell, A. G. Doble, L. C. Fuller, W. J. Hallett, C. Jenkin, G. T. Kingston, H. Norris, D. J. Williams, E. Williams, L. Wilson and E. C. Haskins, together with the officers. The president referred to the Pharmacy and Poisons Bill. He paid a tribute to the late Mr. Rees, whose untimely death had cut short his term of office as president and whose support would be greatly missed by all. A report of conversations between the Branch and the principal of the Municipal Technical College on the question of evening classes was received; the decision on this matter was postponed to a later meeting.

Nottingham.—The annual meeting of the Nottingham and District Branch was held on October 26. There was a fair attendance. The annual report and statements of accounts (which disclosed a satisfactory balance) were adopted, and it was decided to send £10 10s. to the Society's Benevolent Fund. Messrs. F. W. Shepherd and Nutter Smith gave a *résumé* of the proceedings at the Aberdeen Conference. It was reported that the president (Mr. J. R. Ball) and the vice-president (Mr. F. W. Shepherd) had attended the annual prize distribution at University College and presented the pharmacy prizes to the following students:—Fitzhugh Memorial Prize, Mr. J. C. F. Hill; Pharmacognosy, Mr. A. E. Holmes; Pharmacy and Dispensing, Mr. J. Handley; Sandoz Chemical Co., Mr. G. H. Noble. It was decided to continue the Pharmacy Club meetings until the end of March. A discussion on the Benevolent Fund took place, and Messrs. F. Ross Sergeant and C. E. Reynolds undertook to make a personal canvass of members who were not already subscribers. It was announced that a whist and bridge drive will be held at Marsden's Café on November 10 at 7 p.m. The following officers were appointed for the ensuing session:—*President*, Mr. F. W. Shepherd; *Vice-President*, Mr. F. A. Bates; *Treasurer*, Mr. H. Middleton (re-elected); *Secretary*, Mr. W. J. Clay (re-elected); *Assistant Secretary*, Mr. C. E. Reynolds (re-elected); *Council*, Miss Prince, Messrs. Ball, Beilby, Bentley, Gretton, Atherley, Morsop, Freeman, jun., Moore, Moulds, Newbould, Royce, Turner (A. E.) and Tomlinson.

Association Meetings

Manchester.—A joint meeting of the Manchester Pharmaceutical Association and Manchester, Salford and District Branch took place on October 26, on the occasion of the fourth annual speech day and prize distribution in connection with the Pharmaceutical Department at the University and the Colleges of Technology in Manchester and Salford. Mr. E. H. Simmons (chairman) said they were fortunate in having Mr. F. W. Bates to address them. Mr. Bates's work for pharmacy and education was a wonderful service. Mr. James Grier presented his annual report, which stated that the percentage of passes in the Qualifying examinations during the past year had been 76. He mentioned that in the annual report of the Senate of the University reference was made to the death of the late Mrs. Woolley. The sum of money given by the Manchester Pharmaceutical Conference to the Pharmaceutical Department of the University had enabled them to purchase books. The list of prize-winners was as follows:—R. W. Riley (final B.Sc. and Ph.C.)—James Woolley, Sons & Co.'s prize. H. Burlinson (first year Ph.C. and second year B.Sc.)—Hough, Hoseason & Co.'s prize. H. Auld (Chemist and Druggist course—pharmacy)—Oldfield, Pattinson & Co.'s prize. Ethel M. Knowles (Chemist and Druggist course—pharmaceutical chemistry)—President of the Manchester Pharmaceutical Association's prize. A. F. Warrington (Chemist and Druggist course—pharmacognosy)—T. Kerfoot & Co.'s prize. R. G. Bristow (Chemist and Druggist course—proxime accessit)—Pharmaceutical Society of Great Britain's prize. L. T. Kletz (Preliminary Scientific course)—Chairman's prize, local branch of the Pharmaceutical Society. H. C. Dumler (Preliminary Scientific course—Manchester College of Technology—Manchester Pharmaceutical Association's prize. H. Barnes (Preliminary Scientific course—Salford College of Technology)—Salford Pharmaceutical Association's prize. S. L. Prescott (final year Ph.C. and B.Sc. course)—Silver medal founded by Mr. James Grier. H. Auld (Chemist and Druggist course)—Silver medal founded by Mr. H. Brindle. Mr. F. W. Bates, M.A., in the course of his address, said they must consider that once they became true pharmacists they must always endeavour to remain pharmacists. A post was to be advertised for an assistant medical officer. The local Council had to write to the B.M.A. to find out the minimum salary. It was time something on these lines was done in pharmacy. Every pharmacist whose health and circumstances would allow it should take up some kind of public work. The chairman said Mr. Bates's address had proved most interesting and had given them much food for thought. Mr. Franklin proposed a vote of thanks to Mr. Bates. Mr. Bates returned thanks. Mr. D. Dickson proposed a vote of thanks to the donors of the prizes and Mr. H. Brindle to the chairman.

West Ham.—A meeting of the West Ham and Eastern District Association of Pharmacists and Branch was held on October 19, Mr. W. Main (president) in the chair. The chairman introduced Mr. J. P. Gilmour (editor of "The Pharmaceutical Journal"), who gave an interesting address entitled *Pharmacy as I Have Known It*. The lecture covered a period exceeding fifty years. A hearty vote of thanks to Mr. Gilmour was proposed by Mr. Arthur Mortimer (vice-president of the Association).

South African Pharmacy Board

THE half-yearly meeting of the South African Pharmacy Board was held in Durban on July 25, 26 and 27, members present being:—Mr. J. Christie, M.P. (president, in the chair), and Messrs. W. A. J. Cameron, F. Carter, M. W. Clancy, D. Dale, A. M. Fyvie, R. Macintosh, H. J. McJannet, Dr. F. C. Willmot, and the Registrar. Among the matters dealt with were:—

Classification of Pharmacies

Arising out of the resolution passed at the last meeting of the Board that the Education Committee make a classification of pharmacies regarded by it as competent to train apprentices, the Committee has considered a scheme of classification prepared by Mr. Cameron. Certain amendments were made in the proposals in the scheme put forward by that gentleman, and the Committee now recommended the adoption of the following classification:—

Classification of Pharmacies for the Purpose of Training of Apprentices

Class 1.—In which two apprentices may be employed, subject to an interval of eighteen months between the registration of the indenture of each.

Class 2.—In which one apprentice only may be employed provided that a second apprentice may be engaged three months before the expiration of the contract of the first, and may have his indenture registered from that date.

The following conditions will be required to satisfy the Board as to whether a pharmacy should be recognised as falling within Class 1 or Class 2:—

——	Class 1	Class 2
No. of registered chemists and druggists employed in the pharmacy (including registered proprietor, if exclusively engaged in such pharmacy	2 or more	1
Period since first establishment of pharmacy—not less than ..	3 years	3 years
Minimum number of original prescriptions dispensed during the twelve months preceding the application	3,500	1,500

In addition:—

(1) Every pharmacy in which one or more apprentices are employed must provide adequate equipment and utensils for the efficient production of those pharmacopœial preparations mentioned in the list given below, and for dispensing.

(2) In towns where part-time courses of study for the Preliminary Scientific examinations of the Board are accessible at a recognised University or Technical College or High School, and are not available in the evenings only, the apprentice must be allowed such time off during business hours to attend such courses of study, not less than four hours per week.

The Board reserves the right to refuse to register a contract of apprenticeship in respect of any particular pharmacy, notwithstanding compliance with the requirements indicated in the above classification, where frequent changes of management, and consequent cessions of the apprenticeship contract are, in the opinion of the Board, detrimental to the efficient training and discipline of an apprentice, or where, after inspection of the pharmacy under the authority of the Board, it is considered that the requirements of the Board are no longer being met.

As there was some doubt as to whether the last clause was within the Board's powers, legal opinion was taken and this was to the effect that there could be no objection to the clause as drafted.

It was further agreed that Clause 1 be amended to read as follows:—

> "Every pharmacy in which one or more apprentices are employed must provide adequate equipment and utensils for the efficient production of those pharmacopœial preparations mentioned in a list to be prepared and issued by the Board from time to time and for the dispensing of prescriptions of medical and dental practitioners."

It was further agreed that Clause 2 be amended to read as follows:—

> "Where part-time courses of study for the examinations of the Board are reasonably accessible at a recognised University or Technical College or High School, the apprentice shall be allowed such time off during business hours as may be necessary to attend such courses of study, not exceeding four hours' actual tuition per week."

The classification of pharmacies for the purpose of training of apprentices as amended was then adopted, and it was agreed that it be submitted to the Minister of Public Health for his approval and publication in the Government Gazette as a rule made under Section 94 of the Act.

Training in Laboratories

Mr. Dale has asked the committee if it could see its way clear to make a recommendation in regard to the recognition of a period of apprenticeship in a laboratory not exceeding twelve months. The committee reported that it is unable to make such a recommendation. The committee had also received a deputation from the Associated Pharmaceutical Societies in regard to the following resolution, passed at its last annual conference:—

> "That the Pharmacy Board be again approached to recognise apprentices to wholesale laboratories subject to these being under the personal supervision of a qualified chemist and druggist, and that Regulation 9, dated September 20, 1929, be amended accordingly."

The committee agreed to place the representations before the Board.

Mr. Macintosh, chairman of the committee, said that he still had the opinion that the training in a wholesale laboratory was a different training altogether to the training that the apprentices in a pharmacy have in dealing with the public.

Mr. Fyvie said he felt that there was no harm done to pharmacy in allowing an apprentice to be trained in a wholesale laboratory. He moved the following amendment to the Board's rules so that an apprenticeship might be served in a laboratory apart from a retail pharmacy:—

> "That Rule No. 9 of the rules relating to the form and method and the fee for registration of contracts of apprenticeships to chemists and druggists be amended by adding after the words 'general public' or in a 'wholesale pharmaceutical laboratory.'"

Mr. Clancy considered it would be better first to clear up the position in regard to the indenturing of apprentices by corporate bodies in respect of which legal opinion was now being awaited. He moved that the resolution be not considered until such time as the position of corporate bodies in regard to apprenticeship had been definitely ascertained.

Mr. Cameron pointed out that the meeting had just laid down that a certain number of prescriptions must be dispensed each year before an apprentice could be indentured in a pharmacy. How was this to be arranged in a manufacturing laboratory? He wished to know if a motion that had been disposed of could be reopened indefinitely without any new facts being brought forward? No new facts had been brought forward to justify the Board rescinding its former resolution.

The chairman ruled that there was nothing to allow him to refuse to accept the motion.

Mr. Fyvie's motion was then put to the vote and lost.

EXAMINATION RESULTS

The following tables show the results of the June examinations:—

PRELIMINARY SCIENTIFIC EXAMINATION

—	Number of candidates examined	Passed	Failed	Referred		
				Botany	Chemistry	Physics
Whole examination	66	14	36	5	1	10
Botany only ..	3	2	—	1	—	—
Chemistry only ..	6	6	—	—	—	—
Physics only ..	8	3	—	—	—	5
Totals ..	83	25	36	6	1	15

QUALIFYING EXAMINATION

—	Number of candidates examined	Passed	Failed	Referred	
				Chemistry	Practical Pharmacy and Dispensing
Whole examination	48	14	16	4	14
Chemistry only ..	14	7	—	7	—
Practical Pharmacy and Dispensing ..	8	7	—	—	1
Totals ..	70	28	16	11	15

The committee recommended:—

"That candidates whose examination numbers were given, be accepted as having passed the respective examinations."

The recommendation of the committee was adopted.

It was then reported by the REGISTRAR that the following candidates passed the Qualifying examination:—

Abramson, Harry Montague; Baillie, Peter; Bayever, Samuel; Birman, Reuben; Carbis, Alexander Peter; Coyne, Edmund George; Donneson, Morris; Dungan, Robert Reynolds; Fregona, Albert; Gebbie, John; Gibson, Douglas Leslie; Glaser, Nathan; Guard, Bernard; Hall, William Alexander; Hartley, Colin Dennis; Kalmin, Israel; Kirsch, Arnold; Lomax, Talbot; Lutz, Karl Ludwig; Martin, John; Middleton, Claude Lyon; Pannall, Ronald; Shipley, Alfred; Stein, Harry Mark; Swil, Israel; Talmud, Jack; Tobias, David; Traub, Philip.

Report of Executive Committee

The meeting considered a report of the Executive Committee dealing with, among others, the following matters:—

KEEPING OF POISONS

Representations had been made to the Secretary for Public Health that a prosecution for not using reasonable care in the custody of poisons might serve a good purpose. In reply a letter was read from the Secretary for Public Health transmitting a copy of a letter received from the Solicitor-General, Grahamstown, in which he stated that the police agreed that farmers and others were lax in their methods of keeping poisons, but the practical difficulty they foresaw in prosecuting under Section 54, Act 13 of 1928, was the absence of any standard of "reasonable care."

It was agreed that any further information on the subject should be carefully recorded with a view to placing the matter again before the authorities when the Board had a strong case.

SALE OF DOUCHES BY MEDICAL PRACTITIONERS

A chemist and druggist in the Cape Province wrote drawing the attention of the Board to the fact that douches, enemas, and the like, were being sold by medical practitioners in that town. The committee agreed that the South African Medical Council be advised of the statement which had been made, as also that, in the opinion of the Board, such sales were not provided for by Act 13 of 1928, and that they were ordinary sales which required a general dealer's licence. A further communication was read from the South African Medical Council transmitting a letter from one of the doctors complained of denying that he had sold douches or enemas. He stated that he had occasionally lent a douche can to a patient. He wished to know if he was prohibited from selling throat brushes and medicine droppers and the like. The Medical Council wished to know the Board's views on the matter.

Mr. Macintosh did not think that the Board or any chemist would take exception to supplying of these articles in extreme emergency, but it was not an emergency where a doctor actually sold in competition with a chemist such things as feeding bottles. He moved that the South African Medical Council be informed that the Board took strong exception to medical men selling things such as throat brushes, enemas, etc., as a practice, but put in a different category the supplying of these things in extreme emergency in the interests of the patients when the circumstances were such that it would be impossible to do otherwise.

This was agreed to.

FINANCIAL STATEMENT

Mr. Macintosh, the treasurer, submitted a financial statement for the period January 1 to June 30, 1932, which was regarded by the Board as very satisfactory. He asked for instructions as to the investment of certain surplus moneys, and it was agreed that the investment of these moneys be left in his hands.

The REGISTRAR reported, *inter alia:*—

REGISTRATIONS

The table below shows the state of the registers, as on June 30, as also the registrations effected during the past six months. Of the chemists registered during the six months, fifteen held the Board's qualifying certificate, and four that of the Pharmaceutical Society of Great Britain, the latter having registered under Section 28 of the Act:—

—	Chemists and Druggists	Managing Directors	Apprentices
On Register January 1, 1932	1,137	82	183
Registrations, January 1, 1932, to June 30, 1932..	19	6	35
Restoration to Register ..	1	—	—
	1,157	88	218
Erasures owing to death	9	—	1
Other erasures	1	9	3
On Register, June 30, 1932	1,147	79	214

The names of the deceased chemists and druggists are:—

Acton, V. G.
Burns, J. W.
Butler, A. T.
Edwards, D. R.
Hughes, T. J.
Levy, N. L.
Lewis, C.
Paterson, A.
Simpson, E. H.

QUALIFICATIONS IN THE REGISTER

The following statement shows the qualifications of persons whose names appeared on the register on December 31, 1931:—

Colonial (Cape) Pharmacy Board ...	127
Natal Pharmacy Board	107
O.F.S. Medical and Pharmacy Council.	44
Transvaal Pharmacy Board	168
South African Pharmacy Board	130
Pharmaceutical Society of Great Britain (Qualifying)	487
Pharmaceutical Society of Great Britain (Pharm. Chemist)	23
Pharmaceutical Society of Ireland ...	34
Other	19
	1,139

On December 31, 1931, there were 1,136 names in the register, but three persons are registered as holding two qualifications: two of these persons held the certicate of the Transvaal and Orange Free State, and one holds those of Great Britain and Ireland.

Of the qualifications described as "other," these are of Germany, Denmark, Russia, New Zealand, Australia and New York (U.S.A.). At the present time qualifications of countries outside the Union are not registrable, except those of Great Britain (under Section 28 of the Act only), and of Germany (under Section 99 of the Act only, the practice of the person registered being limited to the Mandated Territory of South-West Africa).

List of Pharmacopœial Preparations

It was agreed that it be made compulsory for all apprentices during their term of apprenticeship to prepare the following pharmacopœial preparations:—

Acidum sulph. dil.
Aqua destillata
Caffeinæ citras
Confectio sennæ
Emp. plumbi
Ext. bellad. liq.
Ext. cascaræ sag. liq.
Ext. cinch. liq.
Ext. coloc. co.
Ext. nucis vom. liq.
Ferri et am. cit.
Glycer. acidi borici
Lin. aconiti
Lin. potas. iod. c. sap.
Liq. bismut. et am. cit.
Liq. cresol. sapon.
Liq. ferri persulph.
Pilula phosphori
Sodii citro-tart. eff.
Sp. ammon. arom.
Sp. aeth. nitrosi
Sup. bellad.
Sup. acidi carb.
Syr. calcii lactophos.
Syr. ferri iod.
Syr. ferri phos. c. quin. et strych.
Syr. pruni virg.
Tinct. cinchonæ
Tinct. hyoscyami
Ung. hydrarg. nit.

Reciprocal Relations with Pharmaceutical Society of Great Britain

The meeting considered a letter from the Pharmaceutical Society of Great Britain stating that it was now prepared to register as chemists and druggists in Great Britain persons who were registered as chemists and druggists in the Union of South Africa under Section 15, Act 13 of 1928. The letter went on to say that the decision of the Society would become operative immediately upon learning that the necessary arrangements had been completed for the registration of chemists and druggists or pharmaceutical chemists of Great Britain as chemists and druggists in South Africa.

It was agreed to recommend to the Governor-General that regulations be prescribed under Section 22, Act 13 of 1928 admitting to registration, on payment of the prescribed fee, as chemists and druggists in the Union persons holding the qualification of chemist and druggist or pharmaceutical chemist of the Pharmaceutical Society of Great Britain obtained after examination.

Habit-forming Drugs Regulations

The attention of the Board was drawn to the fact that an inspection of habit-forming drugs registers had recently taken place in several of the larger towns, and that the condition of the registers in many cases had been found to be anything but satisfactory. It is specially to be noted that registers have to be balanced quarterly.

It was agreed that a circular letter be sent to all chemists and druggists drawing their attention to the provisions of the regulations relating to habit-forming drugs, and that the drafting of the circular letter be left to the president, Mr. Macintosh, Dr. Willmot and the registrar.

Arising out of the discussion Mr. Clancy pointed out that one of the difficulties in regard to habit-forming drugs was that doctors did not fill in on prescriptions all details such as names and addresses, their full signatures and qualifications as required by the regulations. Strictly speaking, such prescriptions should not be dispensed, but the practice was very general and some medical men seemed to resent being asked to complete these forms.

It was agreed that the South African Medical Council be forwarded a copy of the circular letter when issued by the Board and asked to consider the desirability of sending out a letter dealing with the requirements of the Habit-forming Drugs Regulations to all medical practitioners.

Pharmacopœial Anomalies

By an Analyst

In any attempt to criticise any given portion of the new British Pharmacopœia it appears to me impossible to avoid reference to some general impressions which the work as a whole produces on one. However satisfactory given details may be, one cannot help feeling that there is some hidden influence at work, cramping the expression and so modifying any good work that the book as a whole produces an unsatisfactory feeling on the critic's mind. How far this is due to the notoriously unsatisfactory method of production—which has caused each successive Food and Drugs Act to omit any reference to it—one cannot say.

One wonders at the splendid isolation which causes the use of the term "mil," when practically every analyst actually uses the cubic centimetre. Perhaps it is unkind to criticise the grammar of the book, but really such expressions as "Ethyl esters of Hydnocarpus oil consists mainly of . . . and *is* produced by . . ." sets one's teeth on edge and make one pass such others as "corresponds *to*" without much comment. The solemn methods of official nomenclature can only be described as amusing. Is it really necessary to set out, for example, "Dextrosum [Dextros.], Dextrose," or "Paraldehydum [Paraldehyd.] Paraldehyde."

As a whole, the old idea of a pharmacopœia is gone, and the impression produced by such a work as the present is that of an unsuccessful attempt, with much scissors and paste, to pose as a highly scientific work on matters which are in the main foreign to its proper domain. What possible purpose can the considerable space devoted to biological preparations, their use and assay, serve? The details given are far beyond the requirements of any ordinary persons handling these preparations, and far below the requirements of the very few experts called upon to examine these products, who are compelled to hold a vivisection licence. Further, as we read on p. xxiii, "The method of comparison is not always prescribed, as the rapid progress of biological science at the present time makes this undesirable." And when we look at Appendix XV we find the expression "*Suggested* Details of Method" (the italics are mine) in many cases. What value has the expression on p. xxiv, "A method has been indicated which a worker is expected to use unless he employs another method which he can justify as being at least equally good"? All this is mere abstracting details of processes, with the expression of a pious wish that somebody (who?) will be influenced to use the processes, and has no more authority or value than if it appeared in an elementary text-book on biochemistry.

Nor must one be misled by the claim to "statutory force" of the British Pharmacopœia set up on p. 12. I am aware that its preparation, publication, etc., are under statutory authority, and that in some places it is definitely accepted as the standard of quality for drugs, under certain Food and Drugs Acts. But it certainly has no statutory authority to clash, for example, with the Food and Drugs (Adulteration) Act, 1928. A practice which is impossible to understand is

that which is adopted (as already mentioned in the *C. & D.*) in the case of extract of male fern, which is stated to contain 25 per cent. of filicin, and if it turns out higher than this it is to be reduced with olive oil to the required strength, at the same time the limits of from 24 to 26 per cent. are given as permissible. The same is true with acetic acid and of standardised tinctures, etc.

What is the *ratio decidendi* in the following? "The conventional symbolic method of indicating the chemical structure of a compound has been employed *where this seems desirable,* e.g., Acetonum $CH_3.CO.CH_3$." (The italics are mine.) Let us reproduce a few cases.

ACETONE is given with such a formula, $CH_3.CO.CH_3$, and is a case where "this seems desirable."

ACETIC ACID has not such a formula, but is referred to in the monograph as $C_2H_4O_2$, *not* as $CH_3.COOH$. This is a case where it does not "seem desirable."

ACETYL-SALICYLIC ACID is described as $CH_3.CO_2.C_6H_4$ COOH, and the orientation of the side claims is even given. This is a case where it "seems desirable."

BENZOIC ACID, CITRIC ACID and SALICYLIC ACID are all cases where this type of formula "seems desirable."

OLEIC ACID is one where the text refers to it as $C_{17}H_{33}.COOH$, and is therefore an "undesirable" case.

Nor is it very happy, after giving TRICHLORACETIC ACID its conventional formula $CCl_3.COOH$, to lapse into such laxity as later to refer to it as $C_2HO_2Cl_3$, which is highly unconventional.

The use of a capital G as a symbol for gram will, it is probable, be confined to the 30,000 copies of the work—and, it is to be feared, to any later impressions of the same. If the compilers must show that they have an attack of "legal jumps"—which goes so far as to draw attention to the observance of the statutory regulations governing the use of industrial methylated spirit, and which hardly seems within the purview of a Pharmacopœia, why do they not draw any attention under morphine and cocaine preparations to the effects of the Dangerous Drugs Acts and Regulations, a matter, apparently, of more importance? It is hardly scientific to use such expressions as the following, at least without full explanation:—

CITRIC ACID "contains not less than 99.5 per cent., and not more than the equivalent of 101 per cent., of $C_6H_8O_7,H_2O$."

AMMONIUM BICARBONATE, which has no water of crystallisation, "contains not less than 98 per cent., and not more than the equivalent of 102 per cent. of NH_4HCO_3."

AMMONIUM CARBONATE is described as a variable mixture of ammonium bicarbonate NH_4HCO_3 and ammonium carbonate $NH_4NH_2CO_2$. It "*contains* the equivalent of not less than 30 per cent., and not more than 32.5 per cent., of NH_3." (The italics are mine.)

(*To be concluded.*)

Measurement of Astigmatism

By S. H. Lees, F.B.O.A.

THE most difficult part of a subjective test is the measurement of the astigmatic error. Whatever problems may arise from time to time from other causes, I believe it is correct to say that it is in the correction of the astigmatism that most mistakes are made. Ninety-five per cent. of these mistakes can be avoided by the careful observance of a few quite simple rules. The first and most important rule is to visualise what is actually taking place in the eye all the time it is being tested. If, before commencing the test, it has been ascertained objectively that the eye is myopic, then there should be carried in the mind a picture in which the rays of light come to a focus before they reach the retina. In mixed astigmatism the rays focus at various points on each side of the retina. Other mental pictures are suggested by other refractive conditions. If an eye required +0.5 D. sphere, −1 D. cyl. to focus parallel rays of light on the retina, there would be equal amounts of myopic and hyperopic astigmatism, and the retina would be in the plane of Sturm's circle of least confusion. Without correction, such an eye might discern no difference between the lines of the fan chart; the visual acuity might be 6/6; and if there has been no objective test the astigmatism could easily be overlooked. Suppose, for instance, that in testing this eye the refractionist were to "fog out" by placing a +1 D. sphere in the frame and increasing the power in steps of one diopter, afterwards decreasing the power the same way. With many subjects no difference would be remarked between the lines of the fan. The better way is to fog out with +0.5 D., +1 D., and so on. When decreasing the power it is a simple matter to reduce half a diopter at once, using powers falling between those already tried. One would use +1.75, +1.25, and so forth, and in this way any astigmatism not found would be too small to matter. Where the approximate refraction of the eye is already known from retinoscopy such precautions may not be necessary.

In this case, assuming the method just described was adopted, evidence of astigmatism would be found on inserting the +0.5 D. when commencing fogging. The fact that the lines appeared to be alike at the outset proves that the astigmatism is not likely to be very high, since Sturm's circle occurs half-way between the two meridians and one would know from the patient's description that +0.5 D. was very near one meridian. In any case, as soon as it was increased to +1 D. the clearest lines would become blurred, which would tell the same thing. Having made the eyes artificially myopic, all rays come to a focus in front of the retina, but some nearer the retina than others, and as the nearer ones are got closer to the retina by reducing the *plus* power, the refractionist should concentrate on getting the meridian nearest the retina as close as possible without actually lying in the same plane. Remembering that +0.5 D. is nearer to that meridian, and that +1 D. blurred the lines, +0.75 is the point to which one must "de-fog." At this point no rays are actually focussed on the retina; some are very near, and from the subject's replies it is possible to arrive at the correct cylinder, *minus* of course. The final correction requires the spherical power reducing by a further 0.25 D, and it may be taken as one sign of a satisfactory test if only a slight decrease in the *plus* power (or a slight increase in the *minus* power) is necessary after the cylinder has been found. More latitude may be allowed in this respect in cases of very high astigmatism, but in no case should the change in spherical power be very great at this stage. If it should happen that vision is improved by an increase in *plus* power (or a decrease in *minus*) after correcting the astigmatism with a *minus* cylinder, then the test has been badly carried out and the result is sure to be wrong. Finally, one should always remember that astigmatism is not properly corrected unless, after finding the cyl. which makes the lines equally clear, it is possible to make either meridian predominate by increasing or reducing your sphere by a quarter of a diopter. When this is not the case, it is probably due to the sphere being too low (if *plus*) before commencing to measure the astigmatism. To prove this, hold a low convex lens in front of the eye, and the lines, instead of being all alike, will probably show a marked difference. This means that instead of all the rays coming to a focus in front of the retina the clearest focal line was beyond the retina before employing the cylinders. Never ask a client for the blackest lines: always stipulate clearest. To some people the blackest lines mean the darkest patch on the fan, and endless trouble to the refractionist.

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Local Reports

ENGLAND AND WALES

Derby.—Notwithstanding a representation from the Minister of Health, the Derby Insurance Committee have adhered to their refusal to recommend the withholding of money due to a chemist against whom a complaint had been made concerning a supply of gauze. The Committee decided to forward to the Minister a copy of the manufacturer's letter obtained in explanation by the chemist, and to point out that as the gauze was supplied by weight in a sealed packet it was not possible for the chemist to check the measurement, that there would have been no loss in value to the patient had the gauze been used, that the chemist had been on the Committee's list since the commencement of the scheme, and that there had been no previous complaint against him.

London.—At a meeting of the London Pharmaceutical Committee, held on October 18, the following comparative figures for the first six months of the years 1931-32 were reported:—

	1931	1932
Total No. of prescriptions ..	4,597,646	4,494,793
Total cost of prescriptions ..	£145,936 18s. 0d.	£143,935 6s. 6d.
Total No. of insured persons ..	1,912,014	1,920,495
Av. No. of prescript. per person	2.40	2.34
Average cost per person ..	18.32d.	17.99d.

Among other matters reported by the secretary were the investigation of complaints regarding irregularities in the service, the removal of a firm from the West Ham panel list of chemists, the withdrawal by the Home Secretary of the authorisation granted to two doctors on the London panel, and difficulties which had arisen with regard to certain N.H.I. scripts for "dangerous" drugs. The Pharmaceutical Service Subcommittee reported particulars of fourteen cases dealt with under the testing scheme, concerning which four chemists were cautioned and ten censured.

Portsmouth.—A protest is being made by the Insurance Committee against the overriding of their decisions by the Ministry of Health, in cases which have been investigated fully by the local Pharmaceutical Service Subcommittee under the testing scheme. The protest applies particularly to a recent case in which the drug ordered and tested was syr. ferri phosph. co., National Formulary. This showed a deficiency of 30 per cent. of iron. It was ascertained by the Committee that it was the custom of pharmacists to buy this preparation ready-made from manufacturers who, to secure elegance in dispensing, had somewhat varied the B.P.C. formula. The Committee had before them letters from wholesale houses stating that they made the syrup to their own formulas to secure good keeping qualities. A stock bottle of B.P.C. syrup which had been purchased about a fortnight was also inspected at the time by the Committee, who found the contents "turbid, semi-opaque, and of an unattractive dirty brick red colour," with "a slimy deposit clouding the liquid and settling at the sides and bottom," and they fully agreed with the contention of the chemists that a patient receiving this chemical food would have reason to think he was getting an article inferior to what he could buy over the counter. Although there was a considerable deficiency of iron in the sample taken, the Committee found that the circumstances were clearly extenuating, and no further action was taken in respect of the pharmacist. The Ministry, however, insisted upon a fine of £1. In the course of discussion, it was pointed out that the Pharmaceutical Service Subcommittee gave much time to the consideration of these cases. It was decided to write again to the Ministry.

Southend-on-Sea.—At a meeting of the Insurance Committee recently it was reported by the Medical Service Subcommittee that they had investigated the circumstances with reference to an alleged alteration to a prescription by an insured patient. The chairman said that the patient in question had increased the amount of morphine mentioned in the prescription. The Subcommittee recommended that she be severely censured, and that practitioners be advised to write their prescriptions in ink or indelible pencil. Mr. George Bruce, chemist and druggist, said he would like the Committee very strongly to endorse the recommendation. The average girl brought in a prescription screwed up in a ball.

Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist & Druggist,' 28 Essex Street, London, W.C.2."

Qualitative Analysis

A Mixture of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture may contain metallic and acidic radicals occurring in the British Pharmacopœia, or any of the commoner radicals not mentioned in that work, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by *a stamped and addressed envelope*, not a stamp merely) will be received up to Tuesday, November 8, on which day the samples will be posted. Students' reports will be received up to Saturday, November 19. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

The analysis announced above forms the opening exercise in

The Analytical Tournament

for the current winter session. Students may forward six stamped addressed envelopes (marked on the top "Corner for Students"), to be utilised month by month for the "salts." We offer special certificates and prizes for the best series of reports submitted on the exercises to be set from November 1932 to April 1933 inclusive. The awards will be made to the students who obtain the highest aggregates of marks for their reports upon the whole six exercises, and will comprise:—

First Prize.—Certificate of honour and books to the value of three guineas.

Second Prize.—Certificate of honour and books to the value of two guineas.

Third Prize.—Certificate of honour and books to the value of one guinea.

The competition is open to all pharmacy students who have not passed the Pharmaceutical Chemist Qualifying examination in Great Britain or Northern Ireland or the Licence Examination in the Irish Free State. Former tournament prize-winners are disqualified from taking a tournament prize, unless it be a superior one to that previously gained. Besides the tournament prizes, the usual monthly awards will be made to junior students, viz.:—

First Prize.—Books to the value of 15s. or thereabouts.

Second Prize.—Books to the value of 7s. 6d. or thereabouts.

These monthly prizes will be awarded only to apprentices or assistants who have not passed in Chemistry in the Preliminary Scientific Examination in Great Britain, in the Licence Examination in the Irish Free State, or in Chemistry, Part I, in Northern Ireland, which fact *must be attested on their reports.* They will not be awarded to former winners of Tournament prizes. Students who adopt a *nom de plume* must adhere to it throughout the tournament.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, November 3

THE recent movement of sterling to a lower level is now being reflected in a number of markets. Business has been fair but is mostly restricted to smallish quantities for near requirements. The general tone is steady. In pharmaceuticals a number of products have been advanced, the chief being increases in makers' prices for bismuth salts and iodides. Rochelle salts have been reduced. Resorcin is dearer, and importers' prices for products that have to be brought in are generally tending dearer with the fall in the £ exchange rates. There has been a steady flow of business all the week. In crude drugs the chief item of interest has been menthol; this Japanese product has met with a very active demand, and has advanced to much higher figures, closing firm on spot; prices have advanced a full 5s. per lb. in a month. Cabled advice of the crop figures of Japanese menthol and peppermint oil are given at the end of our report. Shippers of cod-liver oil tend to harden their quotations. Honey continues active and firm. Senna pods are not quite such a good market this week. In most other products in this market business has been subdued. The outstanding item in essential oils is Japanese dementholised peppermint, which has been in brisk demand all the week on an advancing and firm market. An advance of about 2s. per lb. is recorded on the month. West Indian lime is a better market, and lemongrass is firm and short on spot. Ceylon citronella is a shade easier for shipment. Bergamot is nominal for shipment, and spot offers are irregular. Sicilian hand-pressed lemon for shipment is a little better, but the sweet orange from the same source is suffering from keen competition from other shipment markets. In the fixed oils markets business has been rather slow. American turpentine and linseed oil are at lower figures. Palm oils are a point cheaper. Coal-tar products are mostly steady, and business is satisfactory. Carbolic acid crystals are fully steady.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	November 3	Value of the £
Amsterdam ..	Fl. to £	12.107	8.21½	13/7
Berlin	Mks. to £	20.43	13.89½	13/7½
Brussels ..	Belga to £	35	23¾	13/6¾
Copenhagen ..	Kr. to £	18.159	19 7/32	21/2
Lisbon ..	Esc. to £	110	110	20/0
Madrid ..	Ptas. to £	25.22½	40½	32/2
Milan	Lire to £	92.46	64½	13/9¼
Montreal ..	Dol. to £	4.86⅔	3.64	14/11½
New York ..	Dol. to £	4.86⅔	3.31 5/16	13/7½
Oslo	Kr. to £	18.159	19 23/32	21/8½
Paris	Fr. to £	124.21	84 1/16	13/6½
Prague ..	Kr. to £	164.25	111½	14/4¾
Stockholm ..	Kr. to £	18.159	19.05	20/11¾
Warsaw ..	Zloty to £	43.38	29¾	13/10
Zurich.. ..	Fr. to £	25.2215	17.13½	13/7

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

A NUMBER of important products are quoted at higher prices; these movements are mostly due to the depreciation in sterling exchange values. Bismuth salts and iodides; resorcin, barbitone and products that have to be imported are all on a higher value on spot. Business has been fairly good, with the tone fully steady. Rochelle salts are easier.

ACETANILID continues steady, with the market dull: B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb. as to quantity.

AMIDOPYRIN.—Depressed sterling is keeping the spot market up and forward would be dearer: crystals, two cwt., 18s. 6d.; less than two cwt., up to 19s. 9d. per lb., with powder 2d. per lb. extra.

ASPIRIN.—The market continues to attract good business, with makers' and dealers' prices steady. Home trade: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d. per lb. f.o.b.; less than one cwt., 2s. 9d. per lb. ex works.

BARBITONE is fully steady as quoted on spot; forward is dearer; business moderate: spot, one cwt., 11s.; 56 lb., 11s. 3d.; 14 lb., 11s. 6d.; smaller parcels, up to 12s. per lb.

BENZOIC ACID (B.P.).—A fair demand, with the market steady: quantities ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 1d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' prices have been advanced on account of depreciation of sterling and consequent higher prices for metal.

——	8 lb. and under 28 lb.	28 lb. and under 1 cwt.	Not less than 1 cwt.
	Per lb. s. d.	Per lb. s. d.	Per lb. s. d.
Carbonate ..	7 7	7 1	6 10
Citrate	10 0	9 6	9 3
Nitrate cryst. ..	5 4	4 10	4 7
Oxide	11 3	10 9	10 6
Salicylate ..	8 4	7 10	7 7
Subchloride ..	11 0	10 6	10 3
Subgallate ..	8 0	7 6	7 3
Subnitrate ..	6 8	6 2	5 11

A rebate of 3d. per lb. will be allowed on sales of not less than two cwt. (either for prompt delivery or on contract), provided delivery is completed or paid for within three months. Liquor bismuthi, P.B., in w-qts., 1s. 1½d.; six w-qts., 11d.; 12 w-qts., 9½d.; 36 w-qts., 9d. per lb. Without engagement. Net cash 14 days. Previous notification of price alteration was on August 9, 1932.

BROMIDES.—A little better inquiry is coming on the market, with dealers' and makers' prices unchanged and steady: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; smaller quantities, 2s. 1d. per lb.; potassium, B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; smaller quantities, 1s. 10d. per lb.; sodium, B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; smaller quantities, 2s. per lb. net, without engagement. Special prices for larger quantities.

CAFFEINE.—Spot supplies are freely offered at keen prices: pure alkaloid, 5s. 6d. to 6s. per lb.; citrate, 4s. 4d. to 4s. 9d. per lb. as to quantity.

CALCIUM LACTATE.—Business is maintained, with quantities at keen prices: spot, one cwt., 1s. 1½d.; 56 lb., 1s. 2½d.; 28 lb., 1s. 3½d.; smaller parcels, up to 1s. 6d. per lb.

CITRIC ACID (B.P. CRYSTALS).—Makers' quoted price for home trade is unchanged at 10¼d. per lb., less 5 per cent. discount, nominal and without engagement. Merchants are offering at very competitive prices.

COCAINE.—There is no change in makers' prices. Home trade: hydrochloride, 25 oz., 20s. 11d.; 16 oz., 21s. 7d.; and less, 22s. 3d. per oz.; pure, 25 oz., 22s. 1d.; 16 oz., 23s. 8d.; less than 16 oz., 24s. 4d. per oz.; 1-oz. tins, 2½d. per oz. extra. Export prices vary as to destination.

CREAM OF TARTAR.—The home trade price quoted by makers for 99 to 100 per cent. material is steady at 85s. per cwt., less 2½ per cent. discount, nominal and without engagement.

HEXAMINE.—A very fair demand is being received, with quantities at keen prices: free-running crystals, spot, ten cwt., 2s. 2½d.; two cwt., 2s. 3d.; one cwt., 2s. 3½d.; smaller quantities, up to 2s. 6d. per lb. Forward prices on a gold basis unchanged.

HYDROQUINONE.—The higher prices recorded last week continue in operation: ten cwt., 5s. 1½d.; five cwt., 5s. 2¼d.; two cwt., 5s. 3d.; one cwt., 5s. 3½d.; 56 lb., 5s. 4½d.; 28 lb., 5s. 6½d.; 14 lb., 5s. 8½d.; 7 lb., 5s. 10½d. per lb., carriage paid.

IODIDES.—The fall in sterling exchange rates has made it necessary for makers to advance their prices, as follows:—Potassium iodide, B.P.: one cwt., 13s. 5d.; 28 lb., 13s. 8d.; 14 lb., 13s. 11d.; 7 lb., 15s. 5d.; 4 lb., 15s. 8d.; smaller quantities, 15s. 11d. per lb. Sodium iodide, B.P.: 28 lb., 14s. 5d.; 14 lb., 14s. 11d.; 7 lb., 16s. 10d.; 4 lb., 17s. 2d.; smaller quantities, 17s. 6d. per lb. Iodine resub., B.P.: one cwt., 15s. 2d.; 28 lb., 15s. 5d.; 14 lb., 15s. 11d.; 7 lb., 17s. 1d.; 4 lb., 17s. 11d.; smaller quantities, 19s. 3d. per lb. Iodoform, B.P. cryst., precip. or powder: 28 lb., 18s. 2d.; 14 lb., 18s. 3d.; 7 lb., 21s. 3d.; 4 lb., 21s. 9d.; smaller quantities, 22s. 2d. per lb. Orders or contracts of not less than one cwt. (which may be taken assorted), containers of 28 lb. and outer packages are free. Carriage paid. Without engagement. Contracts for one cwt., five cwt., ten cwt. or larger quantities, for delivery as required during a period of four months, with rebates applicable to the quantity booked. As the price for iodine is based on the gold dollar, the prices for iodides must necessarily be subject to rise and fall conditions and accordingly contracts carry the following clause: "The prices of the foregoing contract are subject to a rise and fall clause, the price applicable to any given delivery being that in force on the date of receipt of the order, or on the date of despatch, whichever may be the lower." Rebates as before.

MERCURIALS.—Makers' prices are as follows:—

—	Under 112 lb.	Not less than 112 lb.
	Per lb. s. d.	Per lb. s. d.
Ammoniated lump, B.P. (white precip.)	4 10	4 9
" powder, B.P.	5 0	4 11
Bichloride lump B.P. (corros. sub.) ..	4 1	4 0
" powder, B.P.	3 9	3 8
Chloride, B.P. (calomel)	4 10	4 9
Red oxide cryst., B.P. (red precip.) ..	5 11	5 10
" " levig., B.P.	5 5	5 4
Yellow oxide, B.P.	5 3	5 2
Persulphate white, B.P.C.	5 0	4 11
Sulphide black (hyd. sulph. cum sulph. 50 per cent.)	4 11	4 10

Net without engagement. Special prices for larger quantities and for contracts deliverable during three months.

METHYL SALICYLATE (B.P.).—The market continues very steady, with business satisfactory: one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; smaller quantities in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Dealers' spot prices are well maintained and replacement would cost more: spot, two cwt., 19s. 6d.; one cwt., 20s.; 56 lb., 20s. 8d.; small parcels, 21s. 6d. per lb.

MILK SUGAR.—Prices for Continental material are rather dearer: one ton, 52s.; ten cwt., 53s.; two cwt., 54s. 6d. per cwt. in two-cwt. cases.

PHENACETIN.—The reduced gold basis prices recorded last week continue in force. Spot offers are at keen prices: crystals, ten cwt., 3s. 2½d.; five cwt., 3s. 3½d.; two cwt., 3s. 4d.; less than two cwt., 3s. 5d. per lb., with powder 1½d. per lb. extra. On current rate of exchange of American dollar, the gold prices work out about: ten cwt., 4s. 9½d.; five cwt., 4s. 10¾d.; two cwt., 4s. 11¼d.; less than two cwt., 5s. 1d. per lb., with powder 2d. per lb. extra.

PHENAZONE.—Dealers' spot prices are firmer, but still rather under replacement costs: spot, crystals, ten cwt., 9s. 7½d.; five cwt., 9s. 10d.; two cwt., 10s.; and less, 10s. 6d. per lb., with powder 2d. per lb. extra.

PHENOLPHTHALEIN.—Makers' prices for home trade are unchanged: five cwt., 3s. 10d.; two cwt., 3s. 11d.; one cwt., 4s.; 28 lb., 4s. 3d.; 14 lb., 4s. 6d.; 7 lb., 4s. 9d.; smaller lots, up to 5s. per lb.

POTASSIUM PERMANGANATE (B.P.).—The market is steady and dealers are doing a fair business: quantities in two-cwt. drums, 8¾d. to 9¼d.; druggists' parcels, 9½d. to 10d. per lb.

QUININE SULPHATE.—Following on the two recent advances the market is unchanged. The following values now operate: sulphate, 2s. 6d.; hydrochloride, 2s. 1d.; hydrobromide, 3s. 1d.; salicylate, 3s. 3d.; alkaloid, 3s. 5d.; phosphate, 3s. 10d.; hypophosphite, 4s. 5d.; valerianate, 4s. 10d. per oz., carriage paid on bulk quantities.

RESORCIN.—Prices have been advanced as follows: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb., with powder 3d. per lb. extra.

ROCHELLE SALTS.—Makers' advise a reduction of five shillings for sodium and potassium tartrates, and 3s. 9d. per cwt. reduction for seidlitz powder, as follows: powder, five cwt. and over, 77s. 6d.; less than five cwt., 80s.; less than one cwt., 82s. 6d. per cwt., carriage paid, with crystals 2s. 6d. per cwt. extra. Pulv. seidlitz, five cwt. or over, 62s. 6d.; less than five cwt., 64s. 3d.; less than one cwt., 66s. 3d.; double seidlitz, five cwt. or over, 69s.; less than five cwt., 71s. 3d.; less than one cwt., 73s. 3d. per cwt., carriage paid. Quoted without engagement.

SALICYLIC ACID (B.P.).—Makers' prices for home trade are firm: one ton, 1s. 5d.; ten cwt., 1s. 5½d.; five cwt., 1s. 6d.; one cwt., 1s. 6½d.; small parcels, up to 2s. per lb.

SALOL.—The market has been dull; quoted unchanged: crystals, two cwt., 5s. 2¾d.; one cwt., 5s. 4¾d.; 56 lb., 5s. 6d.; smaller parcels, 5s. 7½d. per lb.; powder, 2d. per lb. extra.

SANTONIN.—Competition is still very keen, with the price for fair quantities in the region of £27 per kilo. Home makers are meeting the market.

SODIUM BENZOATE.—A fair business is reported, with quoted prices unchanged: bulk quantities, 1s. 6½d.; cwt. lots, 1s. 7¼d.; smaller parcels, up to 2s. per lb. Limited quantities of material conforming to the new B.P. are available at 1s. 7½d. to 1s. 9d. per lb. as to quantity.

SODIUM DIETHYLBARBITURATE is quoted rather dearer; business is limited: spot, one cwt., 13s.; 56 lb., 13s. 1d.; 28 lb., 13s. 3d.; 14 lb., 13s. 5d.; 7 lb., 13s. 6d.; smaller parcels, up to 14s. per lb.

SODIUM SALICYLATE (B.P.).—Makers' and dealers' prices for home trade are steady; business is about average. Home trade: powder, two tons, 1s. 10d.; one ton, 1s. 10½d.; ten cwt., 1s. 11d.; five cwt., 1s. 11½d.; one cwt., 2s.; 28 lb., 2s. 1d.; 14 lb., 2s. 3d. per lb., with crystals 1d. per lb. extra.

SULPHONAL.—Dealers' spot prices are firm and tend to advance; replacement would cost more: spot, crystals, two cwt., 15s. 9d.; one cwt., 16s. 3d.; 56 lb., 16s. 9d.; smaller parcels, up to 17s. 6d. per lb., with powder 2d. per lb. extra.

TARTARIC ACID (B.P. CRYSTALS).—Makers' quoted price for home trade continues at 10¼d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are quoting at very keen prices.

VANILLIN.—A little more business is being done. Some sellers at slightly under quoted prices: ex guaiacol, one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 28 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.; ex clove oil, 16s. to 18s. per lb. as to quantity, from one ton to less than 14 lb.

Crude Drugs, etc.

AGAR-AGAR.—Business has remained slow. Spot, Kobe No. 1, 2s. 9d.; No. 2, 2s. 7½d.; Yokohama No. 1, 2s. 7½d. per lb. Shipment, Kobe No.1, 2s. 1d.; January-February, 2s.; Kobe No. 2, 1s. 9d.; Yokohama No. 2, 1s. 9d. per lb. c.i.f.

ANTIMONY.—The market is quoted dearer. Chinese, crude, spot, £18 10s.; shipment, £17 10s. c.i.f. Chinese oxide, spot, £27; shipment, £23 5s. c.i.f.

BALSAMS.—The spot price for *Tolu* is rather steadier this week at 3s. 4d. to 3s. 5d. per lb. Canada, 3s. 3d. to 3s. 4d. per lb., as to quantity.

BELLADONNA.—Dealers are offering good test root in the region of 57s. 6d. per cwt., and less for bulk quantities.

BISMUTH.—The metal is at the higher rate of 4s. 9d. per lb., which came into operation on October 26.

CAMPHOR.—A little more business has been done this week: market steady. Japanese, spot, slabs, 2s. 3d.; tablets, 2s. 10d. per lb.; shipment, slabs, 1s. 10d.; flowers, 1s. 10½d.; tablets, 2s. 3¾d. per lb. c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz., and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ⅓ oz. and ¼ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CASCARA SAGRADA.—The market is quoted unchanged with not much interest shown. New peel for shipment, 50s. per cwt. c.i.f. in car-load lots. Spot, 1931 peel, 61s.; 1932 peel, 54s. per cwt.

CHAMOMILES.—A fair business in small quantities is being done at former rates.

CLOVES.—The market has been slow and is quoted fractionally easier. Zanzibar, spot, 7⅝d.; shipment, November-December, 6$\frac{9}{16}$d. per lb. c.i.f. Madagascar, spot, 7⅝d. sellers.

The landings of Zanzibar in London during the week ended October 29 were 51 and the deliveries 63, leaving a stock of

1,183, against 855 in 1931. From January 1 to date landings of Zanzibar have been 4,727, against 2,996 in 1931, and the deliveries 5,531, against 3,060 in 1931. Landings of Madagascar for the week ended October 29 were *nil*, and the deliveries 18, leaving a stock of 1,278, against 762 in 1931. Landings of Madagascar this year to date have been 814, against 2,320 in 1931, and the deliveries 543, against 2,464 in 1931.

COCONUT (DESICCATED).—The demand has been moderate: market is quite steady. Spot, fine, 24s. 9d.; medium, 24s.; shipment, halves, November-December, 23s. 3d. per cwt. c.i.f.

COD-LIVER OIL.—Shippers tend to harden prices: inquiry continues active. Finest Lofoten steam refined non-freezing medicinal oil, 88s. 6d. to 90s. per barrel, c.i.f. Spot is firm, with supplies limited; holders are not anxious to sell at under 107s. 6d. per barrel for best brands. Some brands may be cheaper.

COLCHICUM SEEDS.—Dealers are quoting spot at about 2s. 9d. per lb.

ERGOT.—This market has been quiet all the week, except for the Spanish article, for which there has been a fair inquiry. Spanish, new crop, for shipment, 1s. 4½d. per lb. c.i.f. Russian is offering in the region of 1s. 1d. per lb. spot.

GELATIN.—A steady business continues, with prices quoted unchanged. Spot, gold leaf, 2s. 1d.; silver leaf, 1s. 10½d.; bronze leaf, 1s. 8½d.; thin leaf, 1s. 7½d. per lb. in cwt. cases.

GENTIAN.—Dealers are quoting spot supplies at about 47s. 6d. per cwt. Stocks are running low.

GINGER.—The spot market for West African is easier at 23s. 6d.; for arrival is unchanged at 22s. 6d. per cwt. c.i.f.

GUM ACACIA.—There is only a limited inquiry in this market. Spot, Kordofan cleaned sorts, 35s. 6d.: natural, 33s. 6d.; bleached, about 75s. per cwt. Shipment, old crop, Kordofan cleaned sorts, 30s.; natural, 29s. c.i.f. New crop is quoted for shipment at a premium of about one shilling.

HENBANE.—Dealers are offering spot supplies of foreign leaves at about 45s. per cwt.

HONEY.—This market continues to attract business and the general tone is firm, with buyers having to pay full rates. There has been a brisk call for Californian white clover, which has sold at 50s. per cwt. Of Jamaican, there is some medium available at about 47s. 6d., and dark manufacturing quality at 30s. per cwt. Cuban is quoted in the region of 40s.

HYDRASTIS.—Spot values are at about 4s. 9d. per lb., with some small business moving.

IPECACUANHA.—The market has been quieter and the tone is not so good. Spot, Matto Grosso is quoted at about 5s. 6d. per lb. Minas, on spot, 5s. to 5s. 2d. per lb. as to quantity.

LIQUORICE ROOT.—Russian single-peeled is quoted at higher prices for forward delivery; spot stocks are practically unobtainable.

MENTHOL.—This market has been very active and prices have continued to advance day by day. The tone is firm, and the general opinion favours still higher prices to come. K/S brands, spot, 17s. 9d. sellers, showing an advance of fully 3s. on the week. The shipment market is also active and firm, with October-December at 16s. 6d. and January-March at 16s. 6d. per lb. c.i.f. sellers. Reported that Japan is still buying back on this market. At the close, holders were very firm and not at all anxious to sell. Crop figures given at the end of the Trade Report indicate a considerable shortage.

MERCURY.—Business has been sustained and the market is again quoted dearer. Spot, from £10 10s. to £10 17s. 6d. per bottle, ex warehouse, as to quantity.

OPIUM.—Reports from Turkey indicate further heavy sales to Japan and the shipment market is firm. The spot market has remained quiet and quoted at 1s. 4d. per unit, landed and duty paid.

PEPPER.—At the slightly lower values now quoted the market is steadier and business was better at the close. Lampong, spot, 6⅛d.; shipment, October-December, 5d.; January-March, 5d. c.i.f. Tellicherry, spot, 6¾d.; shipment, January-March, 49s. 6d. per cwt. c.i.f. Aleppy, spot, 6½d.; shipment, January-March, 48s. c.i.f. White Muntok, spot, 7⅛d.; shipment, October-December, 6⅛d.; January-March, 6⅛d.; March-May, 6⅛d. per lb. c.i.f.

PIMENTO.—Business has been quieter; market about steady. Spot, 3⅜d.; shipment, November-December, 27s. 6d. per cwt. c.i.f.

PSYLLIUM SEEDS.—Small parcels on spot are quoted at about 1s. per lb.; less for bulk quantities.

QUILLAIA BARK.—Dealers are offering whole bark at 25s. and crushed at 30s. per cwt.

RHUBARB.—A limited trade continues in this article; market steady. Spot, Shensi, 4s. to 4s. 3d. per lb. Canton, 2s. 7d.; common round, high-dried, 1s. 1d. to 1s. 6d. The market is practically bare of flat high dried.

RUBBER.—The market has been mostly dull this week and values are barely maintained. Standard ribbed smoked sheet, sellers, spot, 2¼d.; November, 2½d.; December, 2 17/32d.; January-March, 1933, 2 19/32d.; April-June, 2 11/16d.; July-September, 2 25/32d.; October-December, 2 27/32d. per lb.

SAFFRON.—The market is dearer and fully steady. Prime B.P., 65s. 6d.; extra B.P., 61s.; super B.P., 57s. per lb., and less for bulk quantities.

SARSAPARILLA.—Business has been only fair, with former prices maintained. Jamaica grey, 1s. 10d.; native, mixed colours, 1s. 1d. to 1s. 2d. per lb. as to colour.

SEEDS.—ANISE.—Spanish, 52s. 6d.; Bulgarian, 34s. 6d.; Levant, 33s. 6d. per cwt. spot. CANARY.—Market quiet, no business passing. Spot prices: Mazagan, 12s. 9d. to 13s.; Tangier, 12s. 6d.; Kenitra, 12s. LINSEED.—Mazagan, spot, 13s. sold; Morocco, 12s. 6d. CORIANDER.—Small business passing, 1929 crop at 16s.; wormy, 15s. CUMIN.—Malta, spot, 34s.; Morocco, 32s. quoted. FENUGREEK.—Morocco on spot sold at 12s. 6d. CARAWAY.—Dutch dearer, 33s. 6d. per cwt., duty paid. MUSTARD.—English, 25s. to 34s., according to quality.

SENEGA.—Interest in this market has been small. Spot is quoted at 2s. 3d. per lb., and shipment at 2s. 3d. per lb. c.i.f.

SENNA.—Business has been moderate this week, but the market is about steady on spot and the shipment position is well maintained. Alexandrian manufacturing pods, 7d. to 7¼d. per lb. Tinnevelly, spot, hand-picked pods, 7d. to 7¼d.; f.a.q. pods, 4½d. to 4¾d. per lb.

SHELLAC.—Market is dull and easier. Spot, standard TN orange, 57s. 6d.; fine orange, 67s. 6d. to 135s.; pure button, 67s. 6d. per cwt. For delivery, TN, December, 48s.; March, 50s.; for arrival, TN, November-December, 47s. per cwt. c.i.f.

SQUILL.—Dealers' figure for good white on spot is in the region of 25s. per cwt.

STRAMONIUM LEAVES.—Good green Hungarian on spot are available at about 52s. 6d. per cwt.

VALERIAN ROOT.—Dealers' prices are again dearer at about 55s. per cwt. spot.

Essential Oils, etc.

A RATHER moderate volume of business is reported this week, with Japanese dementholised peppermint the only really active item; this article is again dearer, closing firm. West Indian lime and lemongrass are better markets. Sicilian orange oil is unsteady, while the shipment market for Sicilian hand-pressed lemon is a little better.

ALMOND.—Makers' price for sweet almond is steady with cwt. lots at 2s. 2d.; smaller quantities, 2s. 4d. per lb. Genuine s.a.p., 7s. 6d. per lb.

ANISE (STAR).—Market is dull, spot steadier with most of former cheap parcels sold; shipment is unchanged: spot, "Red Ship," in leads, 1s. 10½d.; in tins, 1s. 8½d.: in drums, 1s. 8d.; shipment, in leads, 1s. 8d.; in tins, 1s. 6¾d.; in drums, 1s. 6¼d. per lb. c.i.f.

BERGAMOT.—The break-up of the Consortium is confirmed, and it is reported that efforts are to be made to dispose of the old stocks, estimated at about 400,000 lb., without putting them on the market. Shipment quotations are so far nominal. Spot is at about 9s. to 9s. 3d. per lb., and possibly less for a quantity.

BOIS DE ROSE.—The spot market for Cayenne is practically bare, and nothing is offered for shipment. Brazilian is rather quiet on spot, but is steady as quoted at about 4s. 9d. to 5s. 3d. per lb., as to quantity. Shipment, minimum one-ton lots, 5s. 4d. per lb. c.i.f.

CARAWAY.—The market is a point dearer this week with Continental twice rectified about 7s. 9d. per lb. for fair quantities.

CEDARWOOD.—The Colonial product is attracting attention: spot, in drums, 1s. 7¾d.; in tins, 1s. 9½d. per lb. American is firmer with spot 1s. 11½d. to 2s., and shipment, 1s. 9¼d. per lb. c.i.f.

CINNAMON LEAF.—Business has been fair, market steady: spot, repacked in tins, 3s. 3d. to 3s. 4d. per lb. Shipment, in drums, 2s. 4½d. per lb. c.i.f.

CITRONELLA.—The spot markets have been rather quiet. Ceylon is short on spot, and steady at 2s. 2d. to 2s. 3d.; shipment is a little easier at 1s. 11½d. per lb. c.i.f. Java is steady with spot at 3s. to 3s. 2d., and shipment is dearer on exchange at 2s. 9d. per lb. c.i.f.

CLOVE.—Business has been fair this week with Madagascar on spot steady at 3s. 6d. to 3s. 9d. per lb.; shipment, about 3s. per lb. c.i.f. English is quoted from 4s. 9d. to 5s. 3d. per lb. as to make and quantity.

EUCALYPTUS.—Business in Australian has been good: 70 to 75 per cent., 1s. to 1s. 0½d.; 80 to 85 per cent., 1s. 1d. to 1s. 2d. per lb., and slightly less for quantities. Spanish, 70 to 75 per cent., 1s. 2d. per lb.

GERANIUM.—Bourbon on spot is now held for about 25s. per lb.; shipment works out about 23s. 10d. per lb. c.i.f. Algerian, on spot, is steady at about 24s. per lb. Some offers may be at lower figures.

GINGERGRASS.—The demand remains slow with spot quoted at about 6s. 6d. to 6s. 8d. per lb., as to quantity.

LAVENDER.—A fair volume of business in French new crop oil continues to be done with most orders placed at very keen prices. First-hand sellers of the best brands appear to be unable to meet the cheap stuff offering. Average brands: 50 to 52 per cent., 10s. 6d. to 10s. 9d.; 40 to 42 per cent., 9s. 3d. to 9s. 6d.; 38 to 40 per cent., 8s. 9d. to 9s.; 36 to 38 per cent., 8s. 3d. to 8s. 6d.; 30 to 32 per cent., 7s. 6d. to 7s. 9d. per lb., delivered, and slightly less for bulk quantities.

LEMON.—The shipment market for Sicilian hand-pressed tends to be a little better this week, but there is still a very wide margin between the lowest and highest quotations, which range from 4s. 6d. to 5s. 6d. per lb. c.i.f. Spot business seems to have been of little importance with prices from 4s. to 5s. 3d. per lb. Californian, spot, 57 cents per lb. in drums.

LEMONGRASS.—The tone of this market is firm with spot fully 2s. 4½d. per lb.; shipment, 2s. 3¼d. per lb. c.i.f. Spot supplies are short.

LIME.—A further improvement is recorded here with genuine West Indian now quoted at 33s. to 33s. 6d. per lb.

MANDARIN.—The market is steady with the usual small business passing. Spot, 16s. 6d.; shipment, 14s. 3d. per lb. c.i.f.

ORANGE.—The outlook for the future is not promising owing to cheap offers for shipment. Sicilain sweet, new crop, about 5s. 9d. per lb. c.i.f. French Colonial, 4s. 3d. per lb., and sold at less c.i.f. in bulk quantities. Californian, spot, 66 to 76 cents per lb. as to quantity.

PALMAROSA.—Spot is a shade easier at about 8s. 6d. per lb., and shipment offers are coming through at slightly lower figures.

PEPPERMINT.—The spot market in Japanese dementholised has been active, and is dearer at 5s. 10½d. sellers per lb., and tends to go still higher. The shipment market has also been doing good business with October-December 5s. 10½d. and January-March 5s. 10½d. sellers per lb. c.i.f. The tone at the close was firm. Crop report in next column.

ROSEMARY.—A moderate demand is reported with Spanish on spot at 1s. 10½d. to 2s. 1d. per lb.; shipment, 1s. 6¼d. per lb. c.i.f.

SANDALWOOD.—Genuine East Indian is quoted from 24s. to 25s. per lb., as to number of cases.

SPEARMINT.—The market is steady, but there is not much doing. Spot, 7s. 9d. to 8s. per lb., as to quantity.

WORMSEED.—Some offers are rather cheaper. Spot quoted at 14s. 3d. to 14s. 6d. per lb.; shipment is now at 12s. 7½d. per lb. c.i.f.

The following quotations are current for synthetics, etc.: Acetophone, 6s. 3d. to 6s. 6d. per lb.; amyl acetate, pure, 125s. per cwt.; technical, 115s. per cwt.; amyl salicylate, 2s. 2d. per lb., in cwt. lots; anbepine, ex para cresol, is steady at 8s. 6d. to 9s. per lb.; benzaldehyde, f.f.c., 2s. 1d. to 2s. 4d. per lb.; benzyl acetate, f.f.c., 1s. 5d. to 1s. 8d. per lb.; benzyl alcohol, 1s. 7d. to 1s. 9d. per lb.; bromstyrol, 100 per cent., 12s. to 12s. 6d. per lb.; butyric acid, 3s. 3d. to 3s. 6d. per lb.; citrol, chemically pure, 7s. 6d. to 7s. 9d.; coumarin, 13s. to 14s. per lb.; ethyl phthalate, 2s. 8d. to 2s. 9d. per lb.; eugenol, 7s. 10d. to 8s. 6d. per lb.; geraniol, ex palmarosa, 16s. to 18s. per lb.; heliotropin, 100 per cent. crystals remain at the recent reduction of 4s. 11d. to 5s. 9d. per lb., as to quantity; iso eugenol, 10s. 6d. to 10s. 9d. per lb.; methyl anthranilate, 6s. 6d. to 7s. 6d. per lb.; mirbane, 8½d. to 10d. per lb.; musk ketone, 29s. 10d. per lb., with bonus for quantities; phenyl ethyl alcohol, 8s. to 8s. 6d. per lb.; safrol, 2s. to 2s. 6d. per lb.

Fixed Oils, etc.

THESE markets have been rather quiet, but values are about maintained. American turpentine is unsteady and dull. Linseed (raw, naked) is steady. Palm oils have met with a limited business. COCONUT.—Business has been slow, market slightly easier: deodorised, 30s. 3d. (barrels), spot; Ceylon, 23s. 3d. (drums), c.i.f. COTTON.—Market is about steady with a limited business passing: deodorised, 29s.; common edible, 26s. 9d.; soapmaking, 26s. 3d.; crude, 24s. 6d. (barrels), spot. GROUNDNUT.—Market is quoted unchanged, business dull: deodorised, 37s. 6d. (barrels), spot; crude Oriental, 30s. 6d. (drums), c.i.f. LINSEED (raw, naked).—The market is steady and fair business is being done: on spot, 17s. 6d.; November, 16s. 1½d.; November-December, 16s. 4½d.; January-April, 17s. 1½d.; May-August, 18s. 1½d. Boiled oil, on spot, 20s. 6d. per cwt. OLIVE.—Business is fair with prices holding about steady: edible, in tins in cases, 8s.; in drums, 5s. 6d.; B.P., 4s. 3d. per gallon, in 40-gallon barrels. PALM.—The market is quoted rather easier, and has been dull: Lagos, 17s. 3d.; softs, 16s. 3d.; mediums, 17s. 3d.; hards, 17s. 6d.; bleached, 19s. 3d., spot. TURPENTINE.—The market is dull and rather unsteady. Total London stocks, 23,482 barrels. On spot, 61s. 9d. WOOD.—Hankow in barrels is keeping up to the former rate of 52s. 6d. per cwt.

Japanese Menthol and Peppermint Oil Crops

THE following cabled advice on the Japanese menthol and peppermint oil crops has been received this morning from an unofficial but reliable source.

SAMBI CROP.—Approximately 100,000 kin; equivalent to 1,100 cases each of menthol and peppermint oil. The normal crop of Sambi is over 200,000 kin.

HOKKAIDO CROP.—Approximately 400,000 kin; equivalent to 4,500 cases each of menthol and peppermint oil. The normal crop of Hokkaido is 1,000,000 kin. Based on these figures the total crop is just over 40 per cent. of the normal production. The price from Japan to-day (Wednesday, November 2) is 24s. c.i.f. per double pound for menthol and peppermint oil combined, or about 6s. 6d. for peppermint oil and 17s. 6d. per lb. for menthol.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1932, p. 339.

(From "The Trade Marks Journal," October 19, 1932.)

"KLERITE"; for all goods (1). By W. A. Dickson, 13 Oronsay Crescent, Kessington, Bearsden, Dumbartonshire. 535,137.

"GEP-EK"; for egg preservatives (2). By G. J. Penney, 21 Market Street, Blenheim, N.Z. 532,620.

"ELIMINAX"; for moth repelling preparations (2). By P. H. Bayer, 58 Welbeck Street, London, W.1. 533,868.

"OGO"; for veterinary chemicals (2). By B. C. Tipper & Son, Ltd., 43-45 Homer Street, Balsall Heath, Birmingham. 534,461. (Associated.)

"TROSILIN"; for chemicals (2). By Bayer Products, Ltd., 31-34 Basinghall Street, London, E.C.2. 534,842.

"BINOLENE SOAP, 303" on label design including words "For Prickly Heat" ("303" disclaimed); for medicated soap (3). By C. C. Goodwin, Ordsall Lane Soap Works, Manchester. 531,663. (Associated.)

"ROCHE TONIKUM"; for medicinal chemicals (excluding pastilles and bath salts and similar goods), (3). By The Hoffmann-La Roche Chemical Works, Ltd., 51 Bowes Road, London, N.13. 532,790. (Associated.)

"TONICON"; for medicated bath salts (3). By Tidman & Son, Ltd., 33 Emmott Street, Mile End, London, E.1. 533,472. (Associated.)

"THIRTUN"; for medicinal chemicals (3). By G. A. Jones, 122 Victoria Avenue, Higher Blackley, Manchester. 533,602.

"HOMOVIR"; for gland extract tablets (3). By The Anglo-French Drug Co., Ltd., 11 and 12 Guilford Street, London, W.C.1. 533,791.

"TENSOPLAST"; for medicated plasters and bandages (3). By T. J. Smith & Nephew, Ltd., 42 Tavistock Square, London, W.C.1. 533,797.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

British Pharmaceutical Conference

SIR,—We shall be obliged if you will allow us, through the medium of your journal, to express, on behalf of the chairman and members of the Local Committee of the British Pharmaceutical Conference, their very sincere thanks for the many congratulatory letters they have received on the success of their work in connection with the recent Conference held in Aberdeen. The letters have been so numerous that it has been found impossible to reply to each one individually, and we shall be grateful to have the courtesy of your columns to acknowledge them.—Yours faithfully,

WM. F. HAY, Chairman.
H. M. DUGAN, Hon. Secretary.

Aberdeen.

Proposed Import Duty on Cod-liver Oil

SIR,—Allen & Hanburys, Ltd., in their contribution on cod-liver oil to your issue of October 22, state:—

"It is not a question of converting coast cod oil into medicinal cod-liver oil by some refining process; the conditions under which the fish are caught must be such as to allow the fresh liver to be boiled immediately. Do these conditions obtain in Newfoundland during the fishing season?"

I should like to say that for twenty years I have been intimately connected with cod-liver oil production in Newfoundland. The conditions during the fishing season for the obtaining of perfectly fresh livers are ideal. The entire fishery is a shore fishery, and freshly-caught fish are brought in twice daily. The livers are refined within two hours from the time the fish is caught. At the present time, because of a lack of markets, most of the livers are thrown into puncheons, where they are allowed to rot for the production of industrial cod oil. An increased market for cod-liver oil could be met by the setting up of two or three times the present number of refining plants, which would mean a very great increase in the quantity of refined cod-liver oil produced. In fact, with sufficient markets our production of cod-liver oil for human and animal consumption could reach from 750,000 to 1,000,000 gallons annually. Allen & Hanburys, Ltd., state that our fish and livers are small during our fishing season. This is not true; the codfish of Newfoundland, feeding on the teeming millions of caplin and squid during July, August and September, are in perfect condition, their bodies are plump and their livers are large and healthy, and the refined oil from the livers is manufactured in scrupulously clean factories subject to the most rigid inspection. Allen & Hanburys, Ltd., admit the superior vitamin potency of Newfoundland oil, but state that vitamin content is of no great importance. I am given to understand that cod-liver oil is prescribed for its therapeutic properties, and from that point of view its vitamin potency is of paramount importance. I am not going to reply to the other contributors except in the case of the contribution of Southall Brothers & Barclay, Ltd., who say that they are informed that our largest refiners are American concerns. This firm makes that statement after having, I presume, read my Government's refutation, which most distinctly states that our cod-liver oil industry is free from U.S.A. support and is financed internally.

Yours faithfully,

D. JAMES DAVIES,
High Commissioner for Newfoundland.

Westminster, S.W.1.

Price of Cod-Liver Oil

SIR,—I was present at the House of Commons on Monday, October 24, during the debate on the proposed import duty of 1s. 4d. per gallon on foreign cod-liver oil, as a result of the Ottawa agreements. Dr. Burgin, the Government spokesman, definitely stated that the retail price would not be affected by this imposition. By a curious coincidence the wholesale trade were circularised on the same day by a London firm, to the effect that the Newfoundland cod-liver oil would soon be placed on the market at the following retail prices:—

4-oz. size, retail price 1s. 6d. per bottle.
8-oz. size, retail price 2s. 9d. per bottle.
16-oz. size, retail price 5s. 0d. per bottle.

The present price for standard Norwegian cod-liver oil is:—

4-oz. size, retail price 0s. 10d. per bottle.
8-oz. size, retail price 1s. 3d. per bottle
16-oz. size, retail price 2s. 3d. per bottle.

From the above you will observe that the Newfoundland oil, with the exception of the 4-oz. size, is more than double the current price of the Norwegian oil. I consider comment is superfluous; the comparative prices merely confirm the fact which has been repeatedly brought before the Government, that this heavy tax on a vital medicinal foodstuff must increase the price to consumers, mostly poor people, very considerably. It will, of course, be appreciated that when the tax becomes operative, the retail price of Norwegian cod-liver oil will have to be substantially increased.

Yours faithfully,

J. D. SMITH.

21 Mincing Lane, London, E.C.3.

Liquor Quininæ Ammoniatus

SIR,—It is puzzling to me that the formula of this preparation should be calculated to give 2 per cent. w/v of quinine sulphate, which means $1\frac{1}{5}$ gr. of quinine sulphate in 60 minims, whilst in a footnote the statement is made "In 60 minims about $1\frac{1}{3}$ gr. quinine sulphate." One is surprised that with the compilers' obvious straining after meticulous accuracy such a statement as this could have been permitted. As a manufacturer I am wondering whether on my labels for ammoniated quinine tablets I should put "Each tablet contains $1\frac{1}{5}$ gr. of quinine sulphate" or whether I should use the somewhat detrimental description "contains about $1\frac{1}{3}$ gr." To use the latter description is "infra dig."; yet, if one uses the former, a calculation is necessary to verify that the statement signifies the article is of B.P. strength. One may suggest that $1\frac{1}{5}$ gr. is a foolish dose; if so why was such a dose chosen? But is it more ridiculous than $1\frac{1}{3}$ gr.? It obviously should have been either 1 gr. or $1\frac{1}{2}$ gr.—Yours truly,

MANUFACTURER (31/10)

Welfare Centres

SIR,—Reading your correspondence section every week, it occurs to me that a letter on the above subject is now overdue. I will give you therefore the latest news of the village. A lady has been to my shop several times to have her baby weighed. In conversation I found out the baby was being fed on "XX"; as I had not sold a tin for months I was curious to find out the source of supply, and I discovered that she was obtaining two packets a week from the "welfare." This person has lately come to live in the village, rents a modern bungalow, and is the wife of a man in Government employ; but here is the spice. She does not go to the village welfare centre, but to a town five miles away—prestige must be kept up, I suppose, even in a village. Now for the next. The proprietor of a very small grocery shop in the village was asked by one of his customers to keep in stock for her a certain tonic food, "YY," and promised to take a tin each week. After three weeks she did not purchase any more, and being asked if she did not require the usual tin replied, "Oh, no! I get

it at the welfare centre—it is cheaper." These are both authentic cases. I have recently handed over two 2s. 9d. tins of "XX." I will admit that after getting credits for these vouchers I obtain my usual profit less postages. In both cases the persons concerned have not been to buy any more food, but go to the "welfare"; I have been the agent to save the proprietors of this food the cost of postage, and the only return I am likely to get is a chit from the "welfare" for "2d. ung. hyd. amm. dil." Is it any wonder that on going through my food stocks I find all except two brands are out of date? It is not the first time they have been replaced—but it is going to be the last.—Yours, etc.,

VILLAGE CHEMIST (31/10).

The N.H.I. Testing Scheme

SIR,—Many pharmacists will endorse the views of "N.J.S." (26/10) on the testing of insurance dispensing. In my opinion the "snobbery" of the system is an insult to the profession. Why on earth should a chemist be treated like a rogue, while the doctor's dispensing is allowed to go on in the slipshod manner that it has done for years? I have worked in doctors' surgeries, and the conditions are simply appalling. The Ministry of Health distinctly shows its snobbish attitude by carrying out the D.D.A. inspection, for the Home Office, of doctors' registers, while we are left to be suddenly surprised any day by a plain-clothes policeman calling to inspect us. It is probably not generally known that the doctor gets three days' notice in advance that the D.D.A. inspector will call, so that he can have his books in order. The fact is the pharmacist is a tradesman, and he is being made to remember it to-day more than ever by the bureaucrats, who hold the safest jobs in the country. All unions and "big stick" associations are the curse of the country, and have brought about many evils; but since they are the fashion the chemist to save himself must go with the tide. Had the chemists' union been as strong and solid as the doctors', there would have been a very different tale to tell about N.H.I., D.D.A., and a dozen different regulations which have been formulated to victimise the innocent in search of the guilty.

Yours truly,

COUNTY CHEMIST II (31/10).

Legal Queries

B. E. N. (11/10).—In order to comply with the provisions of the Pharmacy Acts the labels must bear the words "Executors of X., Chemist."

Galen (6/10).—A guarantees B an overdraft at a bank. The bank calls in the overdraft and A has to pay the bank. What steps can A take to obtain the money from B? [A's only course is to take proceedings to recover the amount for which he stood surety for B. As A has paid the bank, A stands in the same position in law as the bank would have stood with B if A had not guaranteed it. A has the necessary evidence upon which to sue.]

C. G. V. (29/9).—Unless the powder sold from the display cards consists of a single ingredient, without any admixture whatsoever, it is liable to medicine-stamp duty, since it is recommended for certain specific ailments. The envelopes in which these powders are sold fall under the description of "an enclosure"; they are regarded by the Commissioners of Customs and Excise as unsealed envelopes and, consequently, synonymous with packets.

A. F. W. (24/10).—Is an apprentice who is paid only "a bit of pocket money" liable to be insured under the National Health and Unemployment Insurance schemes? [If the money payment, however small, is made regularly and bears some relation to his services, the lad must be insured under both schemes. He could, no doubt, obtain exemption upon the ground that he is mainly dependent for his livelihood upon his parents; but, even if exemption is granted, his employer will still be bound to pay a proportion of the contributions.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

P. K. (30/38).—LANOLIN CREAM.—Liquid lanolin cream depends upon a suspension of lanolin by the aid of soap. The following is a satisfactory formula:—

Hard soap	1 dr.
Distilled water	1 oz.
Dissolve and add	
Hydrous wool fat	1 oz.
Glycerin	1 oz.

If a more liquid cream is desired the amount of soap may be increased to 1½ drachm, and the glycerin and hydrous wool fat reduced to ½ oz. each.

H. F. (10/38).—STEAMY WINDOWS.—Various mixtures of soap and glycerin and methylated spirit are used for preventing condensation of moisture on windows, and the following formulas are typical examples:—

I

Yellow soap	4 oz.
Crude glycerin ..	2 oz.
Hot water	12 oz.

Mix the cut-up soap with the hot water until a cream results, then add the glycerin.

II

Potassium salt of 62 per cent. sulphonated cotton oil containing 38 per cent. of water	100	parts
Sodium hydroxide	15	parts
Waterglass ..	3	parts
Glycerin ..	3	parts
Heavy paraffin oil	3	parts.

C. R. C. (26/38).—INDIAN LINIMENT.—The formula for Indian liniment, published in *The Chemist and Druggist Diary*, 1917, p. 368, is as follows:—

Indian Liniment

Rad. anchusæ	ʒss.
Pulv. capsici	ʒj.
Spt. terebinth.	℥j.

Macerate for a week in a warm place, strain and add—

Ol. camph. essent.	℥j.
Ol. sassafras.	ʒij.
Ol. origani	ʒss.

J. D. D. (29/108).—POROUS BRICKWORK.—A preparation for waterproofing brick or stone can be made as follows:—Dissolve ¾ lb. of soap in one gallon of boiling water and spread the hot solution over the outer surface of the brickwork, taking care that it does not lather. Allow to dry for twenty-four hours. Then apply a solution of alum (¼ lb. in two gallons of water) in a similar manner over the coating of soap. Two or three applications may be necessary, and operations should, of course, be carried out in settled weather.

Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," November 15, 1882

Inferior Drugs

Mr. Williams brought under the notice of the Council [of the Pharmaceutical Society of Great Britain] . . . that a ton and a half of worthless and rotten ipecacuanha was sold at auction in London not long since at a good price, and he showed a sample of jalap which, he said, had all the jalapin taken out of it in Paris, and, after being dried, had been sent back to this country, and had been resold as jalap. Other cases, such as balsam of tolu containing 40 per cent. of resin, might be mentioned. . . . There seemed to be a sale somewhere for all the rubbish that could be collected in the London market. He might inform Mr. Greenish that rose leaves coloured with magenta were still on the market, and were purchased in London. He moved the appointment of a committee to consider and report upon this subject. . . .

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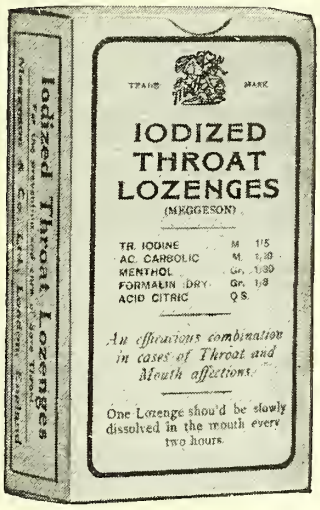

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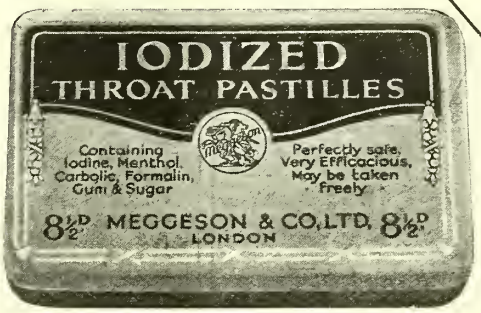

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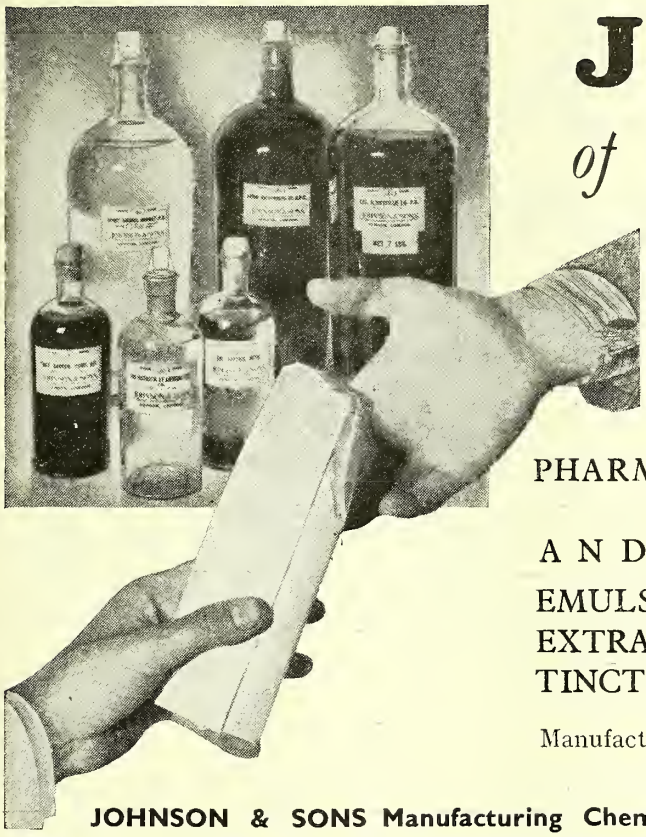

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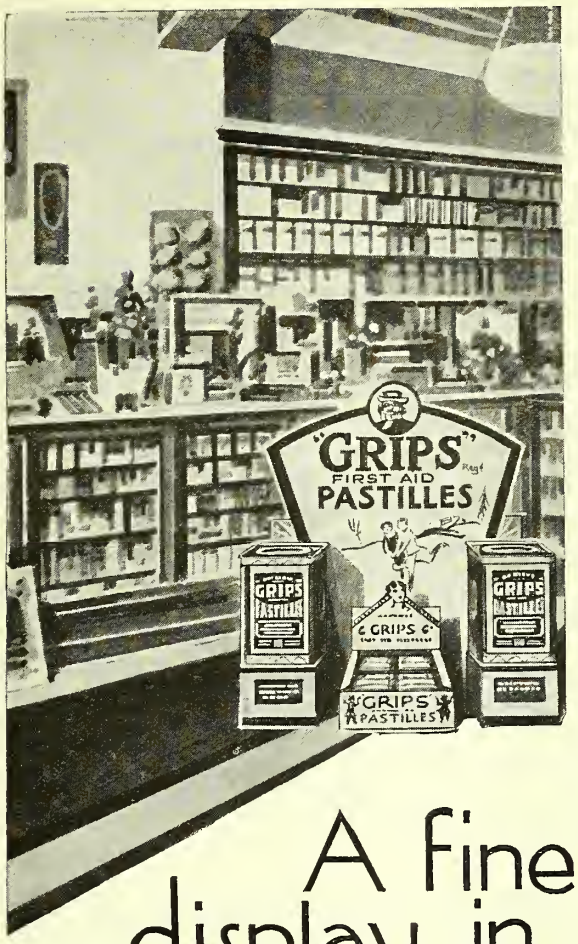

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Any Retailer who has stocks on hand on November 1st, purchased at the higher prices, should immediately apply to the Wholesaler, from whom he bought, for any credit due for the difference between the old and the new Trade prices, stating date of ordering and the exact quantity of stock still held on November 1st.

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(AS FROM NOVEMBER 1st, 1932)

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Tablets (0.1 Gm.), Tubes of 12 ...	2/6	22/6
Solution (1%), 100 c.c.	3/3	29/3
Powder, 5 Gm. Bottles	9/6	85/6
Ointment (10%), 25 Gm. Jars ...	5/3	47/3

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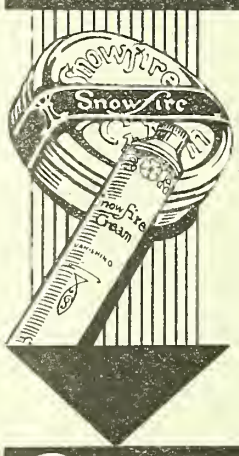
Cephos Ltd. Blackburn

MORE POPULAR THAN EVER...



Easy to see why Snowfire Cream goes on increasing in popularity. Its purity and fragrance, its greaseless vanishing quality and its real beautifying properties make it the favourite everywhere. Every customer you make means more to come—every satisfied user tells her friends about Snowfire. So make good displays—brisk sales and good profits will result.

Handbag Containers 3d.
Dainty 6d. Tubes
Retail

Snowfire
VANISHING CREAM

Manufactured by
F. W. HAMPSHIRE & CO., LTD., Sunnydale Works, Derby

A PERMANENT 'ASPRO' DISPLAY

MEANS DOUBLE 'ASPRO' SALES

AND MANY NEW CUSTOMERS FOR OTHER LINES AS WELL

'ASPRO' is the most powerfully advertised line of its kind in the world. Over 300 papers, with a total circulation of more than 32,000,000 carry the 'ASPRO' message several times monthly into almost every home in the country. Display 'ASPRO' continuously in your window and shop, and you will benefit from this enormous campaign just as though you paid for the advertisements yourself. Not only will your 'ASPRO' sales be doubled, but the display will bring new customers to your shop who will purchase other lines as well. This has been proved by many enterprising chemists. Write us to-day for our current window display and test it for yourself. You will see how quickly the public respond to the 'All-British' appeal of 'ASPRO.' There are also frequent changes of window stickers and giant cartons available.

Here is a typical 'ASPRO' window display attractively printed in full colour.

'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Agents—

GOLLIN & CO., Pty., Ltd. ('Aspro' Dept.) SLOUGH, BUCKS.
Phone: SLOUGH 608.

Made by ASPRO LTD., SLOUGH, ENGLAND.

No proprietary right is claimed in the method of manufacture or the formula.

'ASPRO' REG. TRADE MARK

'ASPRO' IS ALL BRITISH

BEECHAM'S PILLS

Worth a Guinea a Box.

BEECHAM'S POWDERS

Act like Magic.

Many Chemists and Druggists are now reaping the benefits of a 38% profit on cost on Beecham's Pills and Powders. The reason for this is that recently we introduced a

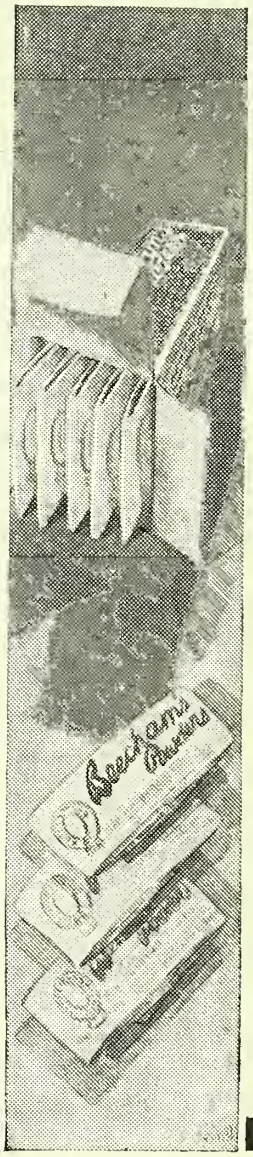
£2 PARCEL

for either Beecham's Pills or Beecham's Powders or assorted Beecham's Pills and Beecham's Powders. The £2 parcels can be obtained direct and carry a 2½% cash discount together with a further 5% discount for window display, carriage paid—packing free—monthly account.

ADVERTISING

Strong, virile and forceful advertisements in an extensive and continuous advertising campaign are appearing daily in the most important papers throughout the country. Every day they are selling *more* of our products and ensure a constant demand. House-to-house distributions augment the Press advertising throughout the British Isles, and show material is available for use in *your* shop or window, or on your counter.

Keep yourself well supplied with Beecham's Pills and Powders and reap the benefits to be derived from these fast moving lines.



BEECHAMS PILLS LTD.

ST. HELENS, LANCS.

'Phone : No. 2241 St. Helens. 'Grams : Beecham, St. Helens

STOCK *MORE* —
SHOW *MORE* —
SELL *MORE*

BEECHAM'S PILLS and BEECHAM'S POWDERS

An antiseptic known to millions of people.

MARSHALL'S Lysol has been widely advertised in the national newspapers and magazines this year. A big campaign has told the story of MARSHALL'S Lysol to millions of people in a new and striking way.

MARSHALL'S Lysol is used and recommended by thousands of doctors and nurses, and in hospitals all over the world.

MARSHALL'S Lysol is the *original* Lysol, the *only* Lysol made to the formula and specification of the inventors of Lysol.

Display MARSHALL'S Lysol well on your counter. Meet the big demand. Invite sales. Your customers are better protected when they buy MARSHALL'S the original Lysol.

MARSHALL'S

THE ORIGINAL LYSOL

Some of the advertisements that have been appearing this year.

Made in England

LYSOL LTD., Raynes Park, London, S.W.20

An Easy Seller in all Districts

Iron Jelloids

Doctors have recommended Iron Jelloids for 40 years—

You can follow their example with confidence and profit!

Wherever your pharmacy is situated, you can be sure—certain—that Iron Jelloids are an easy seller. Iron Jelloids are bought by all classes of people. This time of the year sales are particularly good, but this year they are better than ever because of the strong, large-space advertising now appearing regularly in the leading National newspapers. Sales are rapidly increasing and all signs indicate a still greater demand. Link up with this advertising drive by displaying Iron Jelloids prominently—but first see that your stocks are equal to a big demand. Then you will be sure to gain your share of the business and reap the profits from this popular selling line.

Write for Window Display Material and Bonus Terms to Sole Distributors:

IRVINGS YEAST VITE LTD., WATFORD, HERTS.

Telephone: WATFORD 4475.

Advertisement of The Iron Jelloid Co., Ltd., Watford.

532 T

SPECIFY

SPUN

WHEN ORDERING OINTMENTS

"SPUN" OINTMENTS

may be ordered through:—

Messrs. BUTLER & CRISPE, 80-82 Clerkenwell Road, London, E.C.1.

Messrs. W. EDWARDS & SONS, 14-18 Nile Street, City Road, London, N.1.

Messrs. MAY, ROBERTS & CO., LTD., 7-13 Clerkenwell Road, London, E.C.1.

Messrs. FRANCIS NEWBERY & SONS, LTD., 27-28 Charterhouse Square, London, E.C.1. 13 Crichton Place, Cardiff, and 12 School Lane, Liverpool.

Messrs. SANGERS, 258 Euston Road, London, N.W.

Messrs. W. SUTTON & CO., Druggists' Sundries' London—76 Chiswell Street, London, E.C.1.

or ORDER DIRECT FROM:—

Telephone: Hop 2422
Telegrams: "Ushenspuna, London."

ROBERT BLACKIE SHEN WORKS, TOWER BRIDGE RD., LONDON, S.E.1.

GOODALL'S

offer YOU—the Chemist

—a complete service unequalled in the North;

—the best of everything—at keenest 1932-33 prices;

—a marvellous delivery, in response to post or telephone—'Efficiency' is our 'inside' pet name for the telephone department! Ask for special list of our ever-increasing weekly motor deliveries.

OLIVE OIL.—Big buyers and smaller buyers alike are coming to Goodall's for their Olive Oil. Nowhere, they know, can they buy better or more uniform quality. Nowhere is such fine decanted Oil obtainable at keener prices, and nowhere is there a better choice of handsome and distinctive packs.

We bottle in every size from the recently introduced and popular 2½ oz. upwards, and have a splendid choice of bottles too. We invite your enquiries for packs of any size, or for bulk quantities.

GOODALL'S ALSO FOR DRUGS AND CHEMICALS, MALT AND OIL, COD LIVER OIL, EMULSIONS, OINTMENTS, ESSENCES, TOILET ARTICLES, PATENT MEDICINES, ETC., ETC.

Please write or 'phone and let us quote you.

GOODALL, BACKHOUSE & CO., LEEDS

TELEPHONE 20435-7 (3 lines) 24952-3 (2 lines)

DEXTROSE B.P.

(POWDERED GLUCOSE)

DEXTROSOL BRAND

1/6 per lb. retail. 1/- per ½ lb. retail

13/6 per doz. wholesale 9/- per doz. wholesale

KARO A STEP FORWARD IN BABY FEEDING

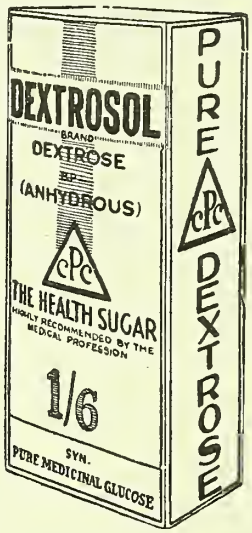
A mixture of Dextrose, Dextrin, Malto-Dextrin, Maltose and Sucrose—the ideal sugar addition to the diet of the infant and the growing child. Underweight children can be rapidly brought to their normal weight by giving Karo in milk, on bread, porridge or cereals.

2/6 per 2 lb. tin retail. 13/6 per doz. wholesale

Now advertised in "The Lancet," "British Medical Journal," "Nursing Mirror," "Nursing World," and direct to the Medical Profession.

Order your stocks now. All leading wholesalers

SAMPLES ON REQUEST



CORN PRODUCTS CO. LTD. Dept.C.D.
BUSH HOUSE, LONDON, W.C.2

"GOLD MEDAL"
CREAM EMULSION OF COD LIVER OIL
WITH HYPOPHOSPHITES.

Attractively Labelled and Packed. Send for Samples and Prices to:

BAISS BROTHERS & CO., LTD.

EMULSION SPECIALISTS

Established 1831

Wholesale and Export Druggists; Manufacturing Chemists and Druggists' Sundriesmen.

Telegrams: "Ipecac, London" GRANGE WORKS, LONDON, S.E.1 Telephone: Bermondsey 1301 (3 lines)

AN OLD-FASHIONED—BUT REALLY EFFECTIVE remedy for COUGHS, COLDS, INFLUENZA and BRONCHIAL troubles.

licoricine

ACTS LIKE MAGIC

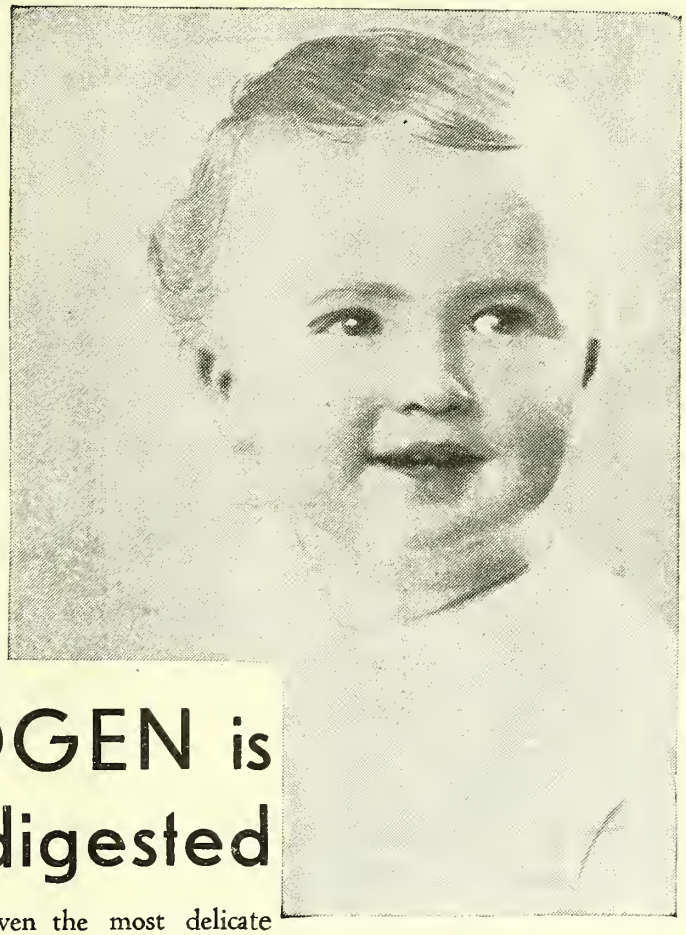
Prices 10½d., 1s. 3d. and 3s.

TERMS.
10½d. size, 8/6 per doz.
1/3 " 12/- "
3/- " 27/- "
Less 5% dis. on £6 orders.
Carriage paid on orders of £2 and over.

MANDALL & CO. Ltd., 17/23 Stepney Rd., Newcastle-on-Tyne.

FACTS

YOU CAN TELL YOUR CUSTOMERS ABOUT LACTOGEN



Why LACTOGEN is so easily digested

Lactogen is very easily digested by even the most delicate Baby, because the special Lactogen emulsifying process breaks up the large fat globules natural to liquid cow's milk, into very finely-divided and widely-dispersed form. The curd formed by Lactogen is very fine and flocculent, just like breast milk; having been modified by the Lactogen process. The condition of both the fat and the curd in Lactogen promotes easier and quicker digestion.

The demand for Lactogen is growing every day. Doctors, Chemists and Nurses all over the country recognise its genuine merit and recommend it enthusiastically. Babies thrive on it—therefore Mothers praise it, buy it, and tell their friends about it.

NOV. 11
REMEMBRANCE DAY
GIVE GENEROUSLY FOR YOUR POPPY

"LACTOGEN"
REGD. TRADE MARK
BETTER MILK FOR BABIES

Lactogen—prepared by Nestlé's—is a modified dried milk for use in infant feeding.

2/9 PER TIN P.A.T.A.

Send to-day for full particulars and terms to the Lactogen Bureau (Dept. AZ54B) Nestlé and Anglo-Swiss Condensed Milk Co., 6 & 8 Eastcheap, London, E.C.3

Copyright

NOTE! FREE YEAST PACKED WITH EACH TIN

PURE BEER

EASILY MADE AT HOME

(The "Daily Express" says so... 9.5.1932)

FOR 1D PER PINT ALE OR STOUT

(NO LICENCE IS NECESSARY)

FROM

VIGGORMALT

THE PURE
TRIPLE-CONCENTRATED EXTRACT OF

RICH MALT & HOPS *ONLY*

(NOTE THAT WORD "ONLY.")

NO ADULTERATION OR ADDED COLOURING

"That is a plain statement of fact which your customer will appreciate."

PURE BEER MEANS MALT and HOPS ONLY IN ONE WORD—VIGGORMALT

100% TONIC FOOD

YEAST SUPPLIED FREE WITH EACH TIN

NO MILLING MASHING BOILING OR FILTERING

VIGGORMALT makes genuine "OAMBROO" BEER (ALE OR STOUT) of perfect character, by simply adding cold water and the FREE YEAST, and at an amazingly low cost. Once introduced it quickly becomes a regular item on the shopping list. National Advertising is extensive and constant.

WRITE FOR TRADE TERMS AND ATTRACTIVE DISPLAY MATERIAL TO THE VIGGORMALT DISTRIBUTORS :—

FASSETT & JOHNSON, LTD.,
86, CLERKENWELL ROAD, LONDON, E.C.1

Sole Manufacturers:
VIGGORMALT Ltd., Davigdor Road, Hove, Sussex

MASON'S EXTRACT OF HERBS

May we have the pleasure of sending you particulars of our Window Display Scheme?

GOOD it's Mason's

NEWBALL & MASON
LIMITED
NOTTINGHAM

ALL CHEMISTS SHOULD STOCK **ABDINE**

THE GOLD MEDAL HEALTH DRINK

Quick Seller. Big Profits. Over 50 years' Reputation.

"Abdine" is the most popular Health Drink. Perfectly safe for all ages. Made from choicest fruits, it does not contain Epsom or Glauber Salts. Year after year the sales are steadily increasing.

DUNCAN McGLASHAN LTD., ABDINE WORKS, WESTFIELD RD., EDINBURGH

"VITAMIN TESTED YEAST"

Yeast specially prepared for medicinal purposes

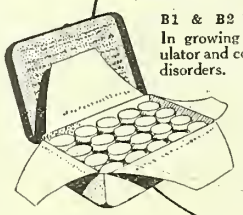
GUARANTEED ABSOLUTELY PURE

MIDGLEY & PARKINSON, LTD., Warren Works, Pudsey, LEEDS

Sole selling agents for Great Britain—
THE OLD STRAND CHEMICAL & DRUG CO., LTD.
Audrey House, Ely Place, London, E.C.1

YESTAMIN

PURE DE-BITTERED DRIED YEAST....



B1 & B2 Vitamins guaranteed. In growing demand as a regulator and corrective of digestive disorders. Also Gastric, Nerve and Anæmic ailments.
In Tablets 6d. & 1/- per box. In Powder, 1/3, 2/- & 3/6 tin.
Send us your enquiries for all Dried Yeast requirements.

THE ENGLISH GRAINS CO. LTD
BURTON-ON-TRENT

A New and Profitable all-the-year Seller recommended by nurses everywhere

AND ADULTS, INVALIDS, AGED, CONVALESCENTS, AND NURSING AND EXPECTANT MOTHERS

ANVERS FOOD is a farinaceous Food, and by reason of its mixing so readily with the digestive juices it is easily assimilated. When prepared it contains all the vital health properties of the various sunshine cereals which are included in its manufacture, viz.: Proteins, Albumenoids, Minerals, Salts, Carbohydrates, and the fats (Cream) and solids of rich pure full cream milk.

It is highly recommended by Nurses and Child Welfare Experts because no other food is so easily digested.

ANVERS FOOD contains all the essential food factors—Vitamins "A," "B," "C," "D," and "E." No other food is so rich in energy or so easily digested. You can recommend ANVERS FOOD with every confidence.

SHOWS 50% ON COST

A great National Advertising Campaign is about to be launched. Be prepared for big business in 1933. The protected prices are 1/11 and 3/4. Attractively packed in sealed tins. Sample tin sent to any chemist on request. Free. Wholesale enquiries invited.

ANVERS FOOD COMPANY

SUNSHINE WORKS, WARD ST., STRANGEWAYS

MANCHESTER

Telephone: Blackfriars 4640. Telegrams: "ANVERS," Manchester

USE

Sidac

INSOLUBLE

TRANSPARENT PAPER

WHITE, COLOURED, EMBOSSED, PRINTED

The Ideal Wrapping for Perfumery Soaps, Toilet Goods, &c.

EITHER COLOURLESS OR COLOURED TO HARMONISE WITH GOODS. BAGS OF ALL SIZES AND SHAPES TO ORDER

Samples and Competitive Price from

SIDAC SILVERINE COMPANY

208/210 Tower Bridge Rd., London, S.E.1

Phone Nos.: Hop 3422, 3423. Telegrams: "Sidacko, Berm, London."

The

"BURMEX" REGD

BRAND

is made by a special Heat-Cured Process and is guaranteed not to deteriorate in either Home or Tropical climates for at least 2 years. Carefully tested and Warranted Absolutely Perfect.

Send for free sample to

A. BERMAN & SONS,
76, QUAY STREET,
MANCHESTER, Eng.

PRICE
24/-
Per Gross

THE "SAFEGUARD"
BRAND OF RUBBER GOODS
Are SUPPLIED to CHEMISTS & DRUGGISTS ONLY
FINEST QUALITY. HYGIENIC PACKING
Write for Samples and Prices.
BURGE, WARREN & RIDGLEY, LTD.
91/92 GREAT SAFFRON HILL, E.C.1
Phone: Holborn 0050. *Telegrams*: Drugsund, Smith, London.

CHEMISTS' FITTINGS
OF EVERY DESCRIPTION.
NEW AND SECONDHAND.

F. MAUND & E. BERG (SHOWCASES) LTD.,
175/9 and 336 OLD STREET, LONDON, E.C.1

SANITARY TOWELS

made by

The ORIGINAL and Most Popular
The "K." All wool in knitted cover, very soft.
The "CELTEX." Made of Cellulose for easy disposal.
FROM YOUR WHOLESALE HOUSE, PLEASE

SOUTHALLS

Best sellers

The public is asking for *ZEAL* CLINICAL THERMOMETERS because they are:-

GUARANTEED TO *STAY* ACCURATE

CONSISTENTLY ADVERTISED

Made by

ZEAL

—the name the public knows.

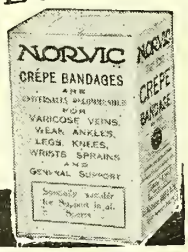
G. H. ZEAL, LTD.,
75 & 77, St. John St., London, E.C.1.

DISPLAY NORVIC REG'D

BLUE CARTON CRÊPE BANDAGES

A well-advertised P. A. T. A. line showing 33⅓% profit

Showcards free from leading wholesalers.



Sole manufacturers: Grout & Co. Ltd., 35 Wood St., London, E.C.2

One of
THE BIG-SIX SELLING LINES

"HANSLICK" HAND CLEANER

A SUPERFINE TOILET NECESSITY

Removes all GRIME, GREASE & STAINS without injury to the most delicate skin. Acts as an antiseptic, non-injurious to the nail cuticle, thoroughly cleanses the pores

In 2d. packets, 6d. and 9d. tins

Trade price 16/-, 48/- and 72/- per gross, carriage paid

SPECIAL TERMS FOR WINDOW DISPLAY

WRITE FOR SAMPLE

THE T. P. COMPANY, 5/7 Kingsland Rd., E.2

Clerkenwell 8951.

Flexoplast Regd

ELASTIC ADHESIVE BANDAGE

For the treatment of
VARICOSE ULCERS
VARICOSE VEINS
and their complications

Flexoplast assists proper circulation, steadily reducing œdema and size of ulcer. Gives, in most cases, instant relief from pain.

Flexoplast allows full functional activity of the limbs. It does not cause irritation, dermatitis or eczema. It is easy to apply, and can be removed without discomfort.

Also useful on fractures and dislocations—and as a protective after abdominal and other operations.

Supplied in 3-yard rolls, giving full stretch of 5 yards to conform with regulations of the N.H.I. Tariff. Obtainable in 2½ ins. and 3 ins. widths, white or flesh colour, full spread or part spread. British throughout.

NHI PRESCRIPTIONS

Dispense Flexoplast in all N.H.I. prescriptions for Elastic Adhesive Bandage.

EDWARD TAYLOR LTD.,

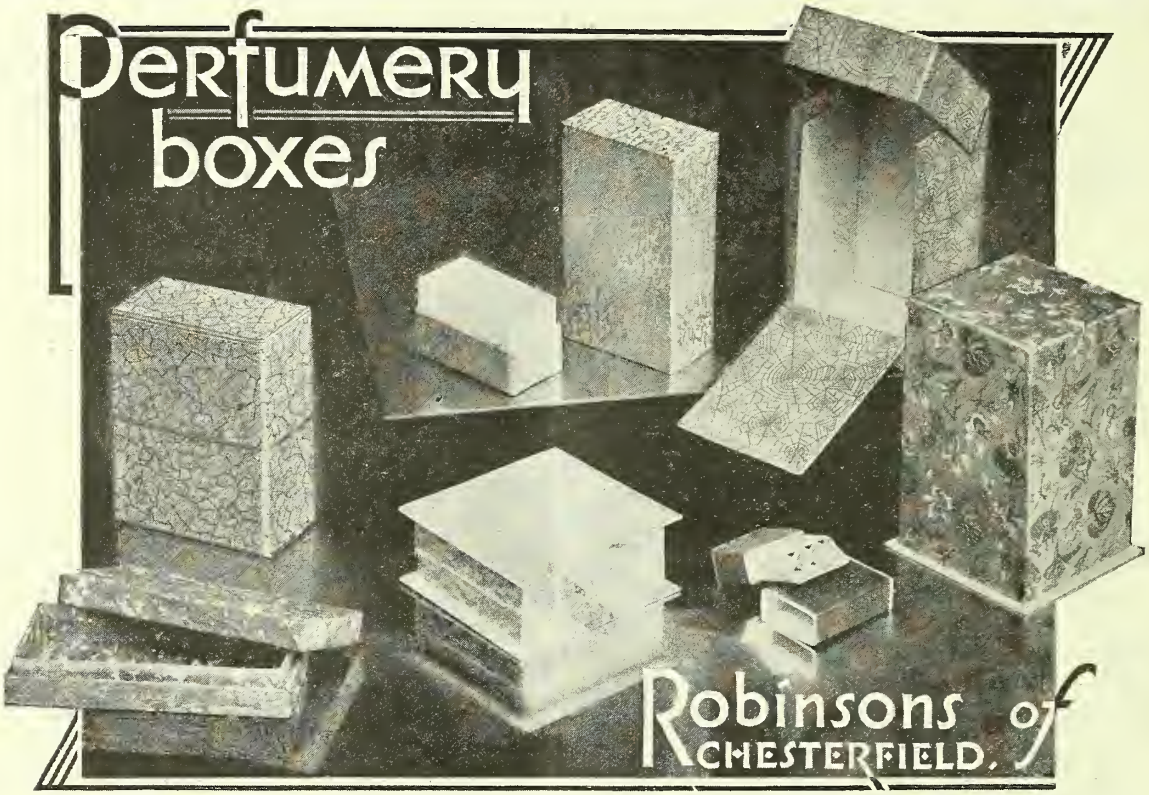
Wholesale and Export Manufacturers of Medical and Surgical Plasters

SALFORD and MANCHESTER

GLASGOW, BIRMINGHAM and LONDON

Established 1847.

TF 32



WHEAT BRIDGE MILLS, CHESTERFIELD & 168, OLD STREET LONDON, E.C.1.

Corks
OF EVERY DESCRIPTION

Send us your Enquiries, and compare our prices.
WHOLESALE & EXPORT.

C. OLLEY & SONS, LTD.
ESTABLISHED 1844.
Camperdown St., and Gt. Alie St., London, E.1.
Tel. No. : Royal 2868. Tel. Add.: "Circumference, Ald, London."

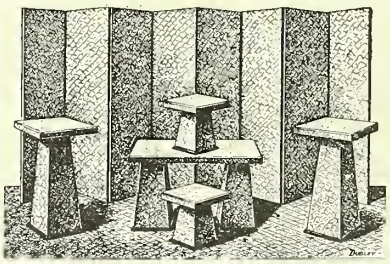
METALLIC CAPSULES
for all purposes.

The Tonkin Metallic Capsule Co.
Proprietors - C. Olley & Sons, Ltd.

NOW BRITISH MADE
WAGNER'S DRY BOTTLE CAPS
BEST IN QUALITY & APPEARANCE

Self-Fixing
R.V.WAGNER
33 BROOKE ST., LONDON, E.C.1 *Tel. : Holborn 5090*

Something New for Your Counter or Window Display.



Dudley's Regal Display Set
No. C.D.F. 5143
A unique set which is ideal for the display of Toilet Preparations, Perfumes, etc. It consists of 1 Folding Background, 5' 4" × 30" (in 2 pieces), together with 6 Artistic Pedestals, 2 14", 2 10½", 2 6½". Constructed throughout of stout millboard covered in "Regal" grained gilt paper. complete **22/6**

DUDLEY & COMPANY LTD.
Holloway Road, London, N.7
City Showrooms - - 65/66 Fore Street, E.C.

PHARMACEUTICAL

W HIGHEST

DISPENSING BOTTLES
CHEMISTS ROUNDS
FEEDING BOTTLES
SOXHLET BOTTLES
EYEBATHS

SPRINKLER BOTTLES
OPAL AND FROSTED GLASSWARE

QUALITY GLASSWARE

K. GRAHAM

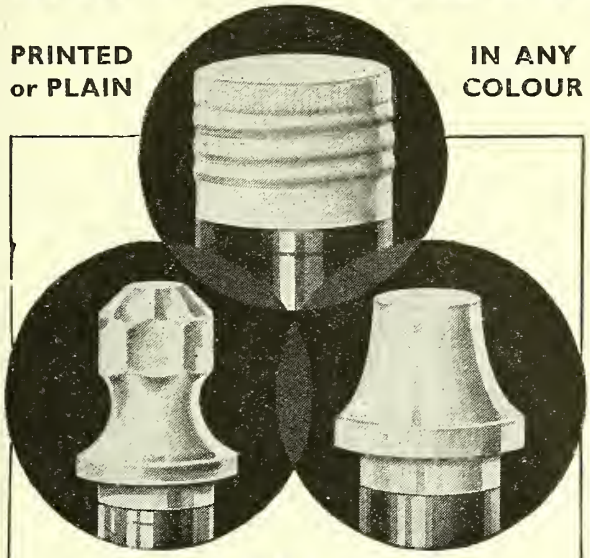
DESIGNERS & MANUFACTURERS OF · GLASSWARE · FOR · PERFUMES COSMETICS · AND · BATH · SALTS

WOOD BROS. GLASS Co
LIMITED
(ESTABLISHED 1828)
BARNSLEY · · · ENGLAND

VISKAP
SELF-FIXING
BOTTLE CAPS

PRINTED or PLAIN

IN ANY COLOUR



PROTECTION
first, last and all the time is definitely assured when your product is sealed with a Viskap. Place a wet Viskap in position—let it dry—seals as it shrinks. Perfectly hygienic. Entirely British.

ALSO

VISCOID
MOULDINGS
OF ALL DESCRIPTIONS
FROM
Bakelite & Similar Materials

Send us your enquiries.

We have a reputation of many years of service and quality to keep up and are anxious to help you.

LET US ADVISE AND QUOTE YOU

VISCOSE DEVELOPMENT CO., LTD.
WOLDHAM ROAD, BROMLEY, KENT
Telephone : Ravensbourne 4561

RAT WEEK

NOVEMBER 7 to 12 (inclusive)

LINK UP WITH THE EXTRA RODINE NEWSPAPER ADVERTISING. EXHIBIT THE SHOW CARDS.

Remember to destroy Rats with Rodine is profitable both for the user and the Chemist.

THOMAS HARLEY, M.P.S., Proprietor,
Rodine Works, PERTH, Scotland.

It's worth your while . . . . .

to stock and display

DRUMMER DYES

because they are always in great demand in these days of enforced economy

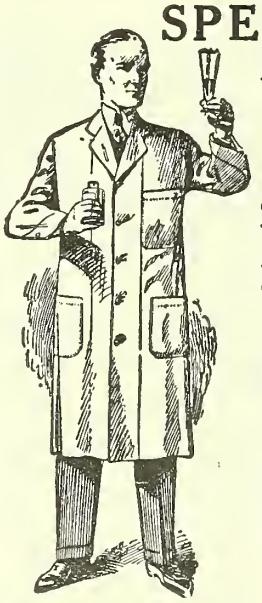
safe easy

and sure

EDGE'S BOLTON

DDT 9-33

OVERALL SPECIALISTS



JACKETS, WHITE DRILL 4/6, 5/11, 7/11
" KHAKI DRILL 8/6, 10/6
" BLACK POPLIN 12/6
" GREY 8/6
COATS (Long), WHITE 5/11, 7/6, 9/6, 11/6, 12/6, 14/6
COATS (Long), KHAKI 5/11, 6/11, 8/6, 9/6, 11/6, 13/6
COATS (Long), GREY 7/6, 9/6 11/6
" (Long), BLACK 14/6
DENTISTS' COATS, WHITE, STAND COLLAR, BUTTON on SHOULDER 12/6, 14/6, 16/6
SURGEONS' "OPERATING" COATS, WHITE 12/6, 14/6

Jackets and Coats of very superior quality. Made from most reliable materials. Stock sizes 34 to 44 chest. Special prices for large quantities. Postage on single garment, 6d. Orders for 20/- Post Free.

Telephone : Bishopsgate 6751

GARDINER

& CO. (*The Scotch House*). **LTD**
1, 3, 5 Commercial Road, LONDON, E.1
1 minute from ***ALDGATE STATION.***

BATTLE'S VERMIN KILLER

Of all Patent Medicine Houses at 3/-, 5/- and 9/- per dozen.

In packets at 5d., 9d. and 1/3 each. (P.A.T.A.)

The *sure* destructive agent which may be confidently recommended by Chemists for quick clearance of rats and mice. (*Users' testimonials on request.*)

Prepared only by
J. C. M. BATTLE, Ph.C., LINCOLN

CLAROCIT

Sales Campaign

A National appeal through the great daily newspapers :—

1. To teach the public how to keep glasses clean in the most efficient way.
2. To tell them that Clarocit is sold by Chemists everywhere.

Attractive Bakelite Display Stands, Counter Cards, and Interesting Sales Literature supplied free on request.

Sole Distributors for the Pharmaceutical Trades :—
CHARLES JONES, RADFORD & Co. Ltd.
80 Coleman Street, London, E.C.2.

SALES UP!

North London Pharmacist Writes:

"Bob Martin Display Material has undoubtedly made a great difference to our Sales"

A typical Bob Martin Window Display.

The immediate sales value of Bob Martin Display material is emphasized by the number of letters we receive from Pharmacists everywhere reporting marked increases in the sales of Bob Martin preparations within a few days of featuring a Bob Martin display. The following letter from Mr. H. T. Rogers, M.P.S., of Stroud Green Road, North London, is no exception to this rule. He writes :—

182 Stroud Green Road, N.4

Dear Sirs,

Herewith repeat order for your preparations.

The excellent display material you sent along with the books for distribution have undoubtedly made a great difference to our sales. I hear nothing but praise from the customers about your Condition Powders and, having a dog myself, have always used your powders so can safely recommend them. Please enclose further supply of books.

Yours faithfully, JAMES' CHEMISTS,
H. T. Rogers, *Proprietor.*

You can obtain equally prompt results with a Bob Martin Window Display.

Fully half the people who pass your windows are dog owners, and they buy where they know their needs can be met. Theirs is a regular custom, for Bob Martin Advertising is teaching them to use Bob Martin preparations regularly.

Throughout the autumn and winter, the powerful Bob Martin advertising campaign will continue at full pressure.

Link your pharmacy with "Bob Martin" by means of window displays and so reap the full benefit of the biggest advertising campaign ever promoted for a dog medicine.

★ SEND FOR A BOB MARTIN DISPLAY NOW

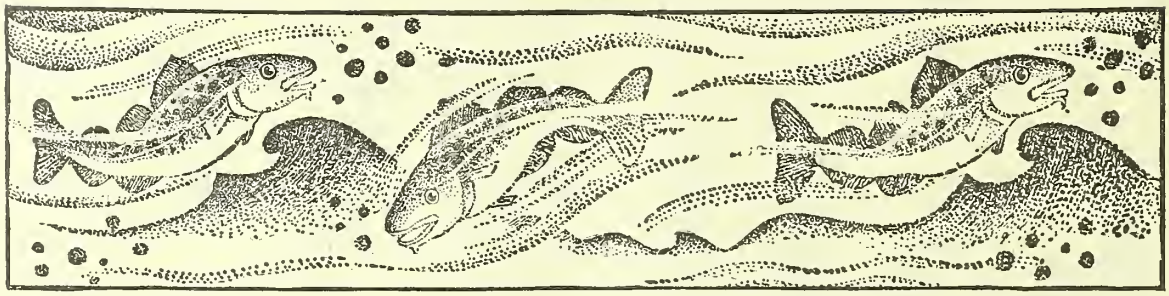
Special Bob Martin displays linking up with current advertising are always available to Pharmacists, and if you drop a postcard to Southport to-day you will receive the newest Display Material by return. In five minutes you can make a display which is certain to double your sales of Bob Martin preparations. If you would like to receive display material as soon as it is issued, ask to be put on the *Bob Martin Display List.*

BOB MARTIN Ltd., SOUTHPORT, Eng.

TO IRISH FREE STATE PHARMACISTS

Your orders for Bob Martin Preparations should now be addressed to the sole distributors for the Irish Free State, **Messrs. J. & W. C. GAW, 44 Temple Bar, Dublin.**

Deliveries will be made in Dublin within a few hours of receipt of your order, and within 24 hours to the remainder of the Irish Free State. Display Material and copies of "Bob Martin On Dogs" will be forwarded at any time if specially requested. Write to Dublin to-day for a copy of the special Irish Free State Price List, with particulars of the improved service to all the Free State Pharmacists.



The responsibility for the coming generations remains with us.

That the human body demands a sufficient supply of Vitamins to maintain it in a healthy state has been known for less than a generation.

Many people still suffer from lack of one or more vitamins, particularly A and D which give protection against infectious diseases and prevent rickets.

Scientific study of the problem of nutrition has shown that these vitamins are found to the greatest extent and in the least expensive and most accessible form in cod liver oil—a product which has become indispensable to the community.

Cod liver oil is regarded by eminent physicians as one of the most powerful weapons mankind possesses in the battle against disease.

Norwegian cod liver oil is world-famous for its supreme quality.

A teaspoonful of Norwegian cod liver oil contains more A and D Vitamins than all the butter and milk one could possibly absorb in one day.

Norwegian Cod Liver Oil

[58/26]

Attention

Attention to detail and the careful thought given to each requirement, ensures the satisfaction of Monsanto customers, who have come to appreciate the dependability of our Products, and the efficient Service rendered.

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CRESOLS
CRESYLIC ACID
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Works:
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&
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THE NEW 6D SERIES ZIM BRAND

Under the trade mark "Zim" we are introducing four popular Home Remedies bearing a good margin of profit, to retail at **6d.**

These preparations consist of small and compact good selling lines which do not necessarily require solo displays and they have been chosen so that they will not adversely affect the sales of any other similar higher priced articles. By linking them under a common trade mark, forceful shows can be made to ensure a substantial turnover.

3/9 doz.

3/6 doz.
for 3 doz.
of any one single line

ZIM

VAPOUR STICK. A novel introduction, being a solidified chest rub in an easily applied form.

INHALANT. An efficient vaporant for the treatment of colds, influenza, etc. Sprinkler-necked bottles, bakelite caps

TOOTHACHE TINCTURE. Quickly allays pain. Sprinkler-necked bottles, bakelite caps.

CORN CURE, and Wart Solvent. Corked bottles, viscose capped.

Arthur H. Cox & Co. Ltd. Manufacturing Chemists Est. 1839. Brighton

Printed for the Proprietors by The Avenue Press (L. Upcott Gill & Son, Ltd.), 55 to 57 Drury Lane, W.C.2, and Published by the Proprietors, Morgan Brothers (Publishers), Ltd., at 28 Essex Street, London, W.C.2.—November 5, 1932.

THE CHEMIST AND DRUGGIST SUPPLEMENT

28 ESSEX ST.
LONDON, W.C.2

NOVEMBER 5, 1932

This Supplement is inserted in every copy of The Chemist & Druggist.

THE CHEMIST AND DRUGGIST SUPPLEMENT

ADVERTISEMENT - TARIFF -

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for DISPOSAL, PREMISES TO LET, PREMISES WANTED, PARTNERSHIPS, GOODS for SALE and AGENCIES—6/- for **50** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

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THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2

Telephone: Central 6565 (8 lines). *Telegrams: "Chemicus, Estrand, London."*

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MUST REACH US NOT LATER THAN **FIRST POST THURSDAY MORNING.**

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ORRIDGE & CO.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846 *Telephone No.: CITY 2283*

May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION.

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements.

1.—BROMLEY (Kent).—Good Middle-class Retail Business, with Medicated Wine Licence; returns about £2,900 last year; good profits; rent £65; long lease; price for quick sale £1,250, or vendor is willing to take a partner.

2.—LONDON, S.E.—Cash Drug Store, with Tobacco; established 50 years; returns between £80 and £90 weekly, about 25 per cent. is from tobacco; chartered accountant's figures; double-fronted shop, in commanding position in busy main road, well fitted in oak and heavily stocked; good living accommodation; new lease will be granted at £160 per annum; price £2,750, or valuation terms entertained. Vendor retiring.

3.—LONDON, N.W.—Dispensing and General Retail Business, with Kodak Agency; good district, with plenty of scope; returns last year approached £2,000 at usual prices; large double-fronted shop, well fitted and stocked; rent £100 per annum inclusive; part let off at 30s. per week; price for quick sale £1,100.

4.—VICTORIA (Near).—General Retail Business, with very large Panel; established about 100 years; returns last year approximately £3,200; net profit £900; double-fronted corner shop; six-roomed house, with bathroom and two cellars; side entrance; new lease will be granted; intending investors with £2,600 at command are invited to apply for further particulars.

5.—HARROW.—Middle-class General Retail Business, with Kodak and N.H.I.; returns, under management, £33 weekly; double-fronted shop, well fitted and stocked; five-roomed house, with kitchenette, back entrance and lawn; lease about 20 years to run; price £900

6.—MIDDLESEX (Ten Miles Out).—Very old-established General Retail Business, with Kodak and Ucal Agencies; N.H.I. £280/£290 per annum; Wines and Spirits; returns last year £2,998; gross profit £1,075; rent £55; long lease; flat over was sub-let for £45 per annum; price £2,200; vendor going abroad.

7.—OLD KENT ROAD.—Drug and Photographic Stores; good opening for N.H.I.; established 60 years; returns last year £1,039; single-fronted shop; rent £71 per annum; price £350; scope for increase by the addition of N.H.I.; ill-health cause of sale.

8.—MONMOUTH (Borders of).—General Retail Business, with Kodak Agency; returns £2,300 per annum; net profit approximately £500 per annum; single-fronted shop, well fitted and stocked; rent £178; sub-let £30; held on lease; price £600, plus stock and fixtures at valuation; family reasons for sale; this business is situated in delightful country and occupies the best position in a market town.

9.—ESSEX.—Good-class Retail Business, with Kodak Agency, private Dispensing and N.H.I.; established 40 years; returns last year £3,400; single-fronted shop, nicely fitted in mahogany and heavily stocked; good living accommodation; valuation terms entertained.

10.—SUSSEX (Good-class Country Town).—General Retail Business, with N.H.I. and private Dispensing; established about 20 years; returns approach £2,500 per annum; net profit about £550; accountant's figures; single-fronted shop, well fitted in mahogany and fully stocked; rent £75; sub-let £40; valuation terms entertained.

11.—ESSEX (Country Town).—Medium-class Retail and Dispensing Business, with small Optical connection; returns last year £1,402; Optics £120; net profit between £300 and £350; very large house; rent £85; sub-let £13; stock and fixtures worth £700; long lease; price £950.

12.—SUFFOLK.—Unopposed Country Business, with Kodak Agency and Wine Licence; returns under management about £1,400 per annum; large house and garden; new lease will be granted at £60 per annum; vendor is desirous of relieving himself of the responsibility of this business and is willing to meet prospective purchasers on a reasonable basis.

13.—SOMERSET.—General Retail Business, with Agricultural connection; established 1820; double-fronted shop; living accommodation and side entrance; rent £40 per annum; held on lease; returns last year approximately £1,550, with gross profit approaching £550; stock and fixtures worth about £650; price £850; scope for increase with more attention.

14.—KENT.—Middle-class Retail Business, established over 50 years; returns present rate about £30 weekly under management; this business is for sale on account of the death of one of the partners, and in order to effect an early sale £750 will be accepted; it is also necessary to purchase the property—this is worth about £1,750, and a substantial portion of this sum can be raised on mortgage.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

SPECIAL TERMS FOR INCOME TAX VALUATIONS

BERDOE & DISH

No. 41 ARGYLE SQ. KING'S CROSS, W.C.1

ONE MINUTE FROM KING'S CROSS AND ST. PANCRAS STATIONS.

Chemists' Valuers and Transfer Agents

PHONE TERMINUS 3574

ESTABLISHED 1870

1.—SOUTHERN COUNTY.—Select Family and Dispensing Business, charmingly situated and easily worked; turnover £1,600, increasing; excellent modern house, with large, well-stocked garden, garage and quarter-acre of land adjoining; price for business and freehold property £3,850; suitable for anyone with capital seeking a pleasant country life.

2.—MIDLANDS.—Old-established Business in busy town; returns average £1,350; good profits; rent £52, on lease; corner shop; well fitted and fully stocked; no near opposition; price £800.

3.—LIVERPOOL.—Light Cash Suburban Business, returning, under manager, £1,450; gross profit £550; splendid position on new housing estate; scope for increase; modern fitted pharmacy, well stocked; long lease; price £800, or valuation terms arranged.

4.—SURREY (Suburb).—Good light Cash Retail, in central position; returns approximately £25 weekly, steadily increasing; modern fitted pharmacy; every convenience; well stocked; living accommodation; price for early sale £600.

5.—LONDON (West End).—Good-class Retail and Dispensing Business for early disposal; owner leaving the retail; average turnover £1,800 yearly; now doing £1,400; modern fitted pharmacy, well stocked; price £650.

6.—LONDON, E.9 (Death Vacancy).—Old-established Light Cash Retail; practically unopposed; average turnover £1,300; now less under manager; good house, in thorough repair; rent £70; price for early sale £600, or close offer.

7.—SOUTH-EAST COAST.—Sound Light Family Retail and Dispensing Business, in growing residential district, with no immediate opposition; returns £1,850; scope for increase; handsomely-fitted pharmacy, well stocked; large house; family reasons cause of selling; price £1,300.

8.—ESSEX (Near Coast).—Well-established Mixed Chemist's Business; good Photo connection; returns over £2,100; books audited; low rent; on lease; good position; price £1,250.

9.—CHESHIRE.—Old-established Business, in main street of market town; present returns about £850; plenty of scope; low rent; lease granted; well stocked; audited books; owner retiring; price £650.

10.—NORTHUMBERLAND (North-East Coast).—Old-established, good-class Retail with small Branch; turnover £1,800; net profit £350 clear; stock and fixtures worth about £500; price for early sale £670.

11.—LONDON, W.—Profitable Cash Retail with good Photo and Panel; returns £1,388; net profit £400; double-fronted shop with house attached; good lease; price £750 or offer; part can remain.

12.—LONDON, N. (15 miles out).—Good-class Business in growing residential district and with excellent prospects; returns, under manager, £1,568; handsome modern pharmacy; good house; large garden; price £1,250.

BUSINESSES WANTED IN ALL PARTS.

We have a large number of genuine cash buyers seeking sound concerns from **£700** up to **£4,000**, and invite correspondence from intending vendors, as we are able to effect quick sales with the utmost privacy.

LET US QUOTE FOR YOUR STOCKTAKING.

ALL VALUATIONS PERSONALLY CONDUCTED BY PRINCIPALS.

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CHEMISTS' BUSINESS SPECIALIST, VALUER, AND TRANSFER AGENT

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London Office : **Sentinel House, Southampton Row, W.C.1** (OPPOSITE KINGSWAY SUBWAY) *'Phone: Museum 8340. [London. 'Grams: "Earnest" Ofiservis, Westcent.*

Where possible, all BUSINESSES are VISITED and initially INVESTIGATED prior to being offered out for sale.

Service and assistance is rendered to prospective buyers, without any charge or obligation to purchase.

(C1) LONDON, N.W.—Pharmacy, with small flat above, situated in middle-class residential district; exceptional scope, as considerable building operations are now in course of progress; returns for last financial year approximately £2,000; rent, £100; long lease; owner going abroad; as a quick sale is desired, the business can be obtained for a very reasonable figure.

(C2) LONDON (EAST).—Quick counter-trade business, situated on busy main road in excellent position; attractive and well-fitted shop; turnover approximately £2,400 per annum; reasonable purchase price, part of which could remain under approved agreement; partnership with a view to possible succession later would be considered.

(C3) LONDON, S.W.—Established family retail and dispensing business, well situated in good class outer suburb; present returns under management, approximately £40 weekly; offers definite scope for increase with personal interest and attention; living accommodation if required; opportunities and facilities for optics; purchase price £850 for fixtures and goodwill, plus stock at valuation; further particulars to genuine bona fide prospective purchasers upon approved application.

(C4) SOUTH-EAST (POPULAR SEASIDE RESORT).—Pharmacy situated in busy main thoroughfare, at present doing approximately £2,000 turnover with prospects of an early £3,000; good living accommodation; genuine reasons for disposal; further particulars in confidence to bona fide prospective purchasers.

(C5) SOUTH-EAST KENT.—Old-established lock-up pharmacy, situated in small country town. Turnover for last financial year approximately £1,900, with net profits upwards of £400; rent, £85 per annum, lease (internal repairing only), 17 years; reasonable purchase price.

(C6) LONDON (OUTER WESTERN SUBURB).—Established retail business, with good scope for further increase and development; good living accommodation; turnover for last financial year approximately £1,750; rent, £104; reasonable purchase price.

(C7) INLAND SPA RESORT.—Old-established business at present being carried on as a drug store, could be profitably continued as such, or re-converted, if taken over by a qualified chemist; returns for 1931 financial year approximately £1,600; rent, £65 per annum, which includes living accommodation; owner retiring; purchase price, goodwill £100, plus stock and fixtures at valuation or by agreement.

(C8) SUSSEX.—(PROMINENT SEASIDE RESORT.)—Good class retail business with extensive sales in fancy goods, toilets, and photographic utensils; owner selling for family reasons; the present returns are in the region of £30 weekly, but these figures can be increased considerably, particularly if the business is acquired by a chemist of the Jewish faith, to whom it is strongly recommended; the purchase price will approximate £1,200—£1,300, comprising little more than the value of stock and fixtures; the returns have previously exceeded £2,000 per annum, and this figure should easily be reached and probably improved upon by the right type of man.

(C9) DERBY.—Old-established pharmacy situated in middle-class residential district; no near opposition; average turnover approximately £1,350 per annum; low rental; proprietor open to reasonable negotiation, as a quick sale is desired, the reasons for which are perfectly genuine.

(C10) LONDON (EAST END).—Established retail business, with large panel (about 1,000 scripts monthly); total returns approximately £32 weekly; main road situation; excellent scope for considerable increase; owner forced to sell quickly, and will accept first offer of £650 or near, inclusive of stock and fixtures.

(C11) POTTERIES.—Pharmacy with small optical connection; present returns £16—£18 weekly; scope for expansion with personal interest; rent, £40; including small house; purchase price £450 or offer, including stock and fixtures approximately £375.

(C12) LONDON, WEST.—Good dispensing and mixed business with living accommodation, including garden; average turnover approximately £1,400 per annum; rent, £65 on lease; purchase price by negotiation; owner moving for health reasons.

(C13) BIRMINGHAM (NEAR).—Old-established pharmacy, situated in good class residential outer country suburb; returns for last financial year upwards of £1,200; rent, £90, including small house; owner retiring; scope for further increase; reasonable purchase price, comprising only a small goodwill.

(C14) KENT COAST.—Seaside business with excellent house attached, well suited to lady chemist, or to gentleman seeking semi-retirement; returns average about £20 weekly, with scope for further increase; reasonable purchase price.

(C15) BIRMINGHAM (DEATH VACANCY).—Retail and dispensing business with living accommodation, well suited to chemist with small capital; rent and rates about £80 per annum; returns approximately £1,100; purchase price, goodwill £150, stock and fixtures at valuation.

Stocktaking Valuations, also Pricing of Chemists' Own Records, carried out at LOWEST POSSIBLE RATES.

The ASSOCIATION of MANUFACTURING CHEMISTS, LIMITED
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Valuer, Transfer Agent, and Expert Stocktaker,
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If you wish to BUY or SELL a sound BUSINESS, write me. (*I specialise.*)
"Personal attention, Efficient service." (*Tel.: Failsworth* 1913.)

BUSINESSES FOR DISPOSAL.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BLACKPOOL.—Established Business, neglected; turnover £1,200 at good profits; turnover could be doubled under the personal management of a proprietor; well stocked; all the year round trade; house attached, with separate entrance; good living accommodation; books audited by chartered accountant; price £650 inclusive. 307/26, Office of this Paper.

ILFORD.—Double-fronted Corner Shop; up-to-date fittings; long lease; turnover £1,500-£1,600, with good prospects of increasing; stock approximately £350, fixtures and fittings £300; as immediate sale is wanted to close estate reasonable offer for whole concern will be considered, and a part of purchase money can be spread over a period. Further particulars from Percy E. Slack, Incorporated Accountant, 44 Bedford Row, London, W.C.1.

KENT.—Good-class Dispensing and General Retail Business for immediate Disposal; returns last year £2,900; present rate less on account of inadequate stock; long lease; rent only £65; would sell outright for £1,250, or a Partnership would be entertained. Apply 212/584, Office of this Paper.

LONDON (East).—Drug Store and Herbal Business in working-class district; neglected under management; will show £5 to £7 per week net profit; rent £45; rates £22; sub-let £39; established ten years; lease eleven years unexpired; proper accounts kept; open to fullest investigation. What offers? 310/40, Office of this Paper.

LONDON, W.—High-class general Dispensing Business, main road position; fine shop; excellent living accommodation; valuable lease at only £65 per annum; neglected; turnover £27 weekly; great scope to improve; price £1,000, including large stock, or reasonable offer. Preston & Partners, 29 Ludgate Hill, E.C.

LONDON, W. (Bayswater).—Small Chemist's Business (or Drug Store); nice shop, lock-up; low rent; dense neighbourhood; small N.H.I., also Photography; fresh stock; inclusive price £150, or near offer; cash. 311/40, Office of this Paper.

LONDON, W.—Smart Shop in busy shopping centre, doing increasing business; premises held on old lease. LONDON, S.W.—Comfortable Business in busy main street; long lease; reasonal rental. Particulars, 313/30, Office of this Paper.

MANCHESTER.—Small Wholesale and Manufacturing Toilet Business for Disposal; capable of great extension; premises admirably suitable as Branch in North for London House; would let on lease. Apply 311/31, Office of this Paper.

SOUTH OF ENGLAND.—Old-established Dispensing Business and Freehold; large, well-fitted shop, with excellent living accommodation; in good position; price for quick sale £1,900 for goodwill, stock, fittings and freehold; very substantial sum could be left on mortgage if desired. Boutwood & Co., Western Road, Bexhill.

SOUTHPORT (Near).—Small Business for disposal; modern stock and fixtures. 314/2, Office of this Paper.

WEST LONDON.—High-class Pharmacy, good residential district; flat over shop, with roof garden; long lease; well stocked and fitted; returns steady, approx. £1,900; profits 40 per cent.; good scope; excellent Photo connection; selling for family reasons. Write for particulars, "Chemist," 17 Elliott Road, Chiswick, W.4.

S. F. CLARK, F.N.A.A. 'Phone: Prospect 3366.
CHEMISTS' VALUER & TRANSFER AGENT
34 Marksbury Avenue, Richmond, Surrey
KENT. Estab. business in progressive town, returning £2,090, long lease, economic rental. £600, plus valuation. **BERKS.** Suit beginner, turnover approx. £1,000, long lease, good living accom. £600-£700 a.a. **KENT.** Unqual. bus., returning (under m'gement) £1375. Gd. opening M.P.S. 18 yrs. l., rt. £50. £550 a.a.

YORKSHIRE.—Country Business, with large turnover and good profits; Family, Agricultural and Photographic; an unusual opportunity for one with £3,000 to £4,000 capital; owner wishing to retire. Particulars to prospective buyers only. 312/4, Office of this Paper.

BUSINESS, good London district; profit £400 per annum net; good Photographic trade (Kodak Agency); good N.H.I.; large, well-fitted shop and splendid living accommodation; price approx. £850 for lease, goodwill and saleable stock; stock can be reduced; banker's references; no agents. Reply 313/23, Office of this Paper.

ESTABLISHED Business for disposal, South Yorkshire Colliery district; population 13,000; quick sale desired; audited accounts available; unique opportunity for young, qualified man; sole Ensign dealer; only Medicated Wine Licence in district; about £600 required. Apply H. Moon, Chartered Accountant, 201/3 Westminster Buildings, High Street, Doncaster.

FOR Sale.—One of the nicest openings for qualified man with limited capital. The business is situate in thickly populated district (9,000) and only wants seeing; price £225, which includes stock, fixtures and everything; good house; bath, electric light, h. & c.; one store chemist only opposition. Duncan, 568 Huddersfield Road, Ravensthorpe, Dewsbury.

FOR SALE, The Drug Store, Aberbeg, Mon., at £450; freehold property; average weekly takings £12; neglected through long illness; Kodak Agency, Library, Tobacco; scope for N.H.I.; stock greatly reduced. Apply G. Williams, Drug Store, Aberbeg.

OLD-ESTABLISHED Business for Sale; £450 will purchase freehold premises, goodwill, stock, etc., of Chemist and Druggist's Business; balance £1,450 on mortgage at 5 per cent. Further particulars from Gordon Green & Webber, Estate Agents, Bexhill-on-Sea

SEMI-COUNTRY Business in West Cheshire, with Optical department, doing £250, ordinary business £1,350-£1,600; a happy and profitable business in a developing district; price complete £1,200, or without Optics £1,000. Apply 212/587, Office of this Paper.

£65.—MIDLANDS.—Owing to sudden death, small Lock-up Pharmacy; only partly fitted; not properly opened; respectable working-class neighbourhood; suit single man, especially a beginner; fixtures, utensils, drugs, patents, sundries, £65 the lot: rent 10s. weekly inclusive (bedroom if desired 7s. extra); offers considered. 313/29, Office of this Paper.

£200.—DRUG STORES; rent 15s. week inclusive; scope for qualified; unopposed for N.H.I. and badly wanted; now under management; lock-up; S.W. district; stock covers money asked. 309/2, Office of this Paper.

BUSINESSES WANTED.

A SOUND Chemist's Business wanted in North London, with living accommodation. Give fullest particulars, etc. All replies treated in strict confidence. (No Optics.) 311/11, Office of this Paper.

CHEMIST, with cash available, desires Assistantship with a view to early succession in a small business (returns £800 to £1,000); south country preferred; references willingly exchanged. Oglesby, 26 Lannoweth Road, Penzance.

DRUG Store or Limited Co.—Unqualified Chemist of excellent experience would be prepared to purchase or invest up to £400 in sound business. State offer and general particulars to "Nemo," 312/15, Office of this Paper.

LONDON District preferred; Drug Store, adaptable to single-handed management, wanted for personal occupation by December 1; gross turnover, estimated net profit (not counting labour), inclusive rent and selling price should be mentioned in first letter; absolute privacy guaranteed. Bankers, Midland Bank, Holborn Viaduct. John Leake, Cromwell House, High Holborn, London.

APPOINTMENT.

THE PROPRIETORS OF A PHARMACEUTICAL PERIODICAL, published weekly, contemplate the appointment of an EDITOR-MANAGER, and invite applications from suitable persons. It will be an asset if the applicant is a pharmacist, but important recommendations will be personality, business experience and practical familiarity with journalism. The terms of the appointment will be arranged with the person selected, the salary being in keeping with the responsibilities of the post and the developments resulting from the appointment. Persons who have not the qualifications outlined are particularly requested not to apply.

In their first letter applicants should give fullest particulars of age, education, qualifications and experience, and should indicate the remuneration expected. References should not be sent, but the names of three referees should be submitted.

The last date for receiving applications is FRIDAY, NOVEMBER 18, 1932. 211/568, Office of this Paper.

PARTNERSHIPS.

LONDON Sundry and Surgical House seeks active Partner P.C.B. 53/18, Office of this Paper.

WORKING Partnership or Directorship wanted by qualified man of 60, with manufacturing and laboratory experience; in or near London preferred; can provide cash £250. 310/22, Office of this Paper.

BUSINESS OPPORTUNITIES.

CHEMIST in S.W. suburb has Room to Let (ground floor), very suitable opening for Optician, or would consider Partnership basis. Apply 313/32, Office of this Paper.

OPPORTUNITY for Surgical Instrument Maker or similar trade to share modern fitted shop, with large window and dry basement, situated in well-known thoroughfare, close to Wimpole Street and Harley Street. Apply P.C.B. 53/23, Office of this Paper.

APPRENTICES.

NEWARK, NOTTS.—Wanted, two male Apprentices, age about 16; Matriculation or equivalent advisable, but not essential; fair elementary knowledge of Chemistry and Botany; some knowledge of Amateur Photography a distinct advantage; School of Pharmacy in town. Smiths, Chemists, Newark.

AGENCIES.

CHEMIST, qualified, of good standing and ability, has premises and small Wholesale business in Manchester, specially suitable for the representation, storage and quick dispatch of a few good lines on an economical basis. Write 311/310, Office of this Paper.

PREMISES FOR SALE.

BLACKBURN.—For Sale, valuable Freehold Premises with modern Machinery for Manufacturing Pharmaceutical Specialities; centrally heated. Apply to the Receiver for Debenture Holder, H. Southworth, Chartered Accountant, 9 Chapel Street, Preston.

PREMISES TO LET.

MIDLANDS.—Excellent opportunity; smart up-to-date double-fronted lock-up shop, with warehouse, in centre of High Street; splendid position; suitable for qualified chemist; low rent; no rates. 311/2, Office of this Paper.

SUITABLE Chemist, Butcher, Fish Restaurant, Greengrocer, Hardwareman, Ladies' and Gents' Hairdresser. Modern shop, 3 beds, tiled bath, shop parlour, tiled kitchenette, 2 w.c.s, garden, garage way; rent £100 per annum on lease (shop fronts in). Write P. Chase Gardener & Co., 269 High Street, Hounslow.

WOODFORD (High Road).—Excellent position, close to new estates; shops and flats to let on long leases at low rents; no premiums. Apply Hillier, Parker, May & Rowden, 27 Maddox Street, W.1. Tele. Mayfair 7666.

SITUATIONS OPEN.

RETAIL (HOME).

BOX No. WEST 211/554.—The advertiser under this number begs to thank the applicants who kindly offered their services. He requests those who did not receive replies to accept this intimation that the vacancy has been filled.

BIRMINGHAM.—Elderly qualified gentleman wanted, to act mainly as Superintendent, or would suit recently qualified lady. Apply, stating lowest salary, to 309/17, Office of this Paper.

CARDIFF.—Toilet Department in large, modern pharmacy require a Lady Assistant; competent Saleswoman and Stock-keeper; moderate salary. Particulars, 212/583, Office of this Paper.

CARDIFF.—Dispenser required in large, modern pharmacy; qualified; moderate salary. Particulars, 212/582, Office of this Paper.

LEEDS INDUSTRIAL CO-OPERATIVE SOCIETY, LTD., require the services of a young qualified Assistant; must be smart, capable and of good appearance and address; would suit newly qualified man wishing to gain a first-class experience in very busy up-to-date city business. Applications endorsed "Chemist" to be addressed to the Secretary, 10 Albion Street, Leeds. References, testimonials and photo, if available, should be enclosed.

LONDON, N.W.—A smart Assistant required for a high-class pharmacy; must have had good Dispensing experience. Apply in the first place by letter only, stating full particulars and salary required. H. Richman, 6 Canfield Gardens, N.W.6.

LONDON.—Assistant (lady or gentleman) required; must have good all-round knowledge of the business and taste in Window-dressing. Apply, giving full particulars to "K. G.," 212/579, Office of this Paper.

LONDON, S.E.—Manager, smart, young, capable, for small Cash and N.H.I. business (medium class); Store experience an advantage; salary £3 3s. with commission on increased returns. Particulars of age and previous experience, 311/39, Office of this Paper.

WEST MIDDLESEX.—Junior required shortly for middle-class business; age about 18-20; time off for study could be arranged if desired; interview required. Particulars in first instance to 311/34, Office of this Paper.

CHEMIST and Optician; single; abstainer; Welshman; good Counterhand; age 35-45. State salary indoor, and references first letter, and when disengaged. 312/11, Office of this Paper.

DR. T. F. ROCHE, LTD., Consulting Rooms and Pharmacy, 25 South Side, Clapham Common, S.W.4, have vacancy for qualified Chemist; Dispensing, Packing, occasional Counter; age immaterial; recent London personal references as to trustworthiness more important than brilliant Salesmanship.

EVENINGS.—Unqualified Assistant, lady or gentleman, required for a few weeks, evenings only. Apply at once, Morrell & Dixon, 5 High Road, Wood Green, N.22.

IMPROVER or Junior; youth with some experience for good-class Dispensing business; to live indoors; all found. Give full particulars, references, remuneration required, etc. Letters not answered in a few days, respectfully declined. 310/6, Office of this Paper.

JUNIOR Assistant (indoor or outdoor) required for West London Pharmacy; young lady with knowledge of Counter work preferred; Photo and Dispensing experience an advantage. Write, stating age, salary, experience; enclose photo if convenient. Maries, 44 Braemar Avenue, Alperton, Middlesex.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 60 to 100 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

LADY Dispenser (M.P.S.) for business on Sonth Coast; salary to commence £3 weekly, with good prospects of advancement. Appiy, with particulars of references, etc., to E. J. George, Sentinel House, Southampton Row, London, W.C.1.

MANAGER required for City Pharmacy; age under 40; all-round experience, knowledge of German preferable, but not essential; permanency to suitable man. Telephone: Finchley 2381.

PART-TIME Assistant, young, male or female, with good-class experience, required next week; Saturdays all day if possible and one or two evenings each week. Apply with usual particulars, or call. Green, 182 Upper Richmond Road, East Sheen, S.W.14.

QUALIFIED Chemist wanted as Manager for new premises at Battersea Rise, S.W.11. Applicant should be able to invest a small sum in the business. Apply first by letter to Williams' Pbarmacy, 12 St. John's Road, Clapham Junction, S.W.11.

QUALIFIED Manager for Branch near Slough; Window-dresser, N.H.I. and D. & P. work; state salary. H. Pickett, Chemist, Farnham Common, Bncks.

TIMOTHY WHITES have a vacancy for a well-educated lady Assistant; applicants must be capable Dispensers (Hall preferred); sound knowledge of toilet articles an advantage. Apply, giving age, experience and salary required, to Secretary, Timothy Whites (1928), Ltd., Chemists, Portsmouth.

UNQUALIFIED Assistant for November 21; must be a quick, accurate Dispenser and courteous Counterman; commencing salary 50s.; early advance and permanency for right man. All particulars first letter; interview preferred. H. Reynolds, 15 West Avenue, Worthing.

WANTED immediately, young Junior Assistant, with Optical qualification, to develop Optical Department for Chemist in large town 36 miles from London; Photographic knowledge with D. & P. an advantage. Apply with full particulars of experience and salary required. 313/25, Office of this Paper.

WHOLESALE.

A LONDON firm of Manufacturers selling to Chemists, require immediatcly a Sales Manager; mnst know the Pharmaceutical trade, be accustomed to control of travellers, and experienced in handling large Wholesale and Multiple accounts. Applications, which will be treated in strict confidence, must give complete particulars of previons career, age, when free, and salary required. Write 212/578, Office of this Paper.

FULLY experienced, well-educated Representative required to carry well-known Druggists' Sundry on commission basis; subsequent salary and commission if satisfactory. 304/34, Office of this Paper.

REPRESENTATIVES, already calling on Retail Chemists and Stores, required in all parts of Great Britain to introduce, on a commission basis, a sound selling Toilet line which will be well backed by advertising. Writc, stating territory covered, 309/23, Office of this Paper.

REPRESENTATIVES (gentlemen) and Instructors (ladies and gentlemen) required for Hairdressing trade; only applicants with first-class experience need apply. Send full particulars, including age and past experience, to 211/577, Office of this Paper.

REPRESENTATIVES required by British firm of Toilet Brush Manufacturers, for Scotland, Ireland and territories in England and Wales; remuneration by generous commission and bonus; applicants must have connection Chemists, Hairdressers, and Stores, and pass Guarantee Society; car an advantage; only replies with full particulars (in confidence), stating lines now carried and exact territory covered, will receive attention. 212/580, Office of this Paper.

REPRESENTATIVE.—Young, active Salesman wanted to call on Chemists in the North of England for well-known London House with established connection. Applicants should give any information likely to be of interest in first letter, also state experience, age and remuneration reqnired. No stamps or testimonials, and only men with actual travelling experience need apply. 212/586, Office of tbis Paper.

TOILET AND PERFUMERY PREPARATIONS.—Young but rapidly growing firm of Toilet and Perfnmery Manufacturers (whose works are situated at Hendon) reqnire a very practical qualified man to supervise prodnction; must be thoroughly conversant with the best formulas and the manufacture of high-grade products, and possess initiative in suggestions for new lines. The appointment is one of opportnnity for a competent man. 310/26, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME).

A.A.A.A.A.—CAPABLE and energetic Assistant, 24, unqualified, desires permanency, preferably near London; good Salesman, accurate Dispenser; 8 years' London and provincial experience. "Fingle," Devonshire Road, Merton, S.W.

A.A.A.—YOUNG lady, 22, desires post; 6 years' high-class, all-round experience; excellent references; Liverpool or district (city preferred). 310/9, Office of this Paper.

A.A.A.—QUALIFIED; keen; energetic; reliable; excellent references; Managership preferred. Gordon, 119 Park Lane, N.16.

A.A.—SMART business man desires engagement immediately; qualified. "J. S. R.," 218 Euston Road, N.W.

A.A.—AS qualified Assistant or Branch Manager; London or suburb preferred, not essential; aged 25: good Dispenser, Counterhand and Window-dresser; excellent references. "Chemist," Inglenook, New Wanstead, Wanstead.

A.A.—UNQUALFIED; 27; 10 years' experience London and Provinces; Counterwork, Dispensing, D. & P., and Stock; well recommended; will go anywhere; free one week. Bowler, 49 Rowsell Street, E.3.

A.A.—QUALIFIED Manager, 38, Scot, competent business builder, seeks responsible position, private pharmacy, London suburbs; sole charge; excellent Prescriber; experienced all branches; interview desired; thoroughly conscientious; quick and capable; smart appearance, with tact and personality; proved ability. 312/5, Office of this Paper.

A.—ACTIVE capable Assistant; 9 years' experience all branches; Photography, Counter, Dispensing, Window-dressing; capable of managing. 312/25, Office of this Paper.

A.—QUALIFIED; 35; tall; married; disengaged; Locum or permanency; London preferred, not essential; excellent references. Jones, 43 Alexandra Road, Newport, Mon.

A.—QUALIFIED, 23, varied experience with Private Chemists and Multiple Company; Locum or permanency desired. Binns, 3 Intake Mount, Middleton, Leeds.

A CAPABLE qualified Chemist, 30, tall, married, seeks position as Manager; experienced all departments; used to controlling staff. 313/14, Office of this Paper.

A FULLY qualified Chemist, young, energetic, experience as Locum and Manager, requires situation in the Midlands; temporary or permanent. "M.P.S.," 2 Milton Road, Leicester.

A KEEN, energetic, nnqualified Assistant; 23; seven years' all-round experience in Counter, Dispensing, Window-dressing. Richards, York Place, Bangor.

A PHARMACIST (Mr. F. H. Webber, Rossiters, Tiverton) highly recommends his late Apprentice, Mr. A. G. Mendham; thoroughly reliable. 5 Loughborough, Tiverton.

A QUALIFIED Chemist, Public School and University education, desires position in Chemist's shop; excellent testimonials; good appearance, etc. 312/24, Office of this Paper.

A QUALIFIED Assistant, 23, 6 ft. high, good appearance and address, keen, capable, thoroughly experienced all branches, desires post in high-class pharmacy, preferably Midlands or South; excellent references. 310/25, Office of this Paper.

A QUALIFIED Chemist, young, desires post; good appearance and education; excellent experience in all branches of Pharmacy; keen business man, Photographer and Window-dresser, capable Dispenser; resigned present position; free November 26. 313/22, Office of this Paper.

ADVERTISER, qualified, 26, 6 ft., requires responsible progressive managerial position; experienced, energetic, capable, prize Window-dresser, Showcard and Poster Artist, speaks French and Spanish; highest credentials; London preferred. 312/39, Office of this Paper.

AS ASSISTANT, Locum, Manager; whole or part-time; good sound experience Dispensing, Connter. "Prescriber," 130 Scott-Ellis Gardens, N.W.8.

ASSISTANT.—Counter, Dispensing, Photography; 24 years' experience; 5 years with leading West-End Chemists; height 5 ft. 5 in.; unqnalified; disengaged; good references. J. V. Aspinwall, 103 Hatfield Road, Ipswich.

ASSISTANT, unqualified, 24, referred Botany Part I, desires permanency; Liverpool or London preferred; 7 years' all-round experience; excellent references. "Agaricus," 152 Stanley Park Avenue South, Anfield, Liverpool.

ASSISTANT; full or part-time; Dispensing, Counter, Windows, Prescribing; experienced; abstainer; moderate salary. Harries, 3 Cancell Road, S.W.9.

ASSISTANT; unqualified; 35; 17 years' first-class experience; reliable Dispenser; disengaged. Williams, 45 Holly Road, Chiswick, W.4.

ASSISTANT; unqualified; 20; tall; capable Counterman, Dispenser, Window-dresser; London and country experience; excellent testimonials; energetic and conscientious; free November 14. "A. J. P.," 2 Liverpool Road, Ealing, W.5.

ASSISTANT or Manager; unqualified; adaptable; employer's interest studied; modern ideas and Windows; had charge for 7 years last situation; disengaged through death of employer; age 38; married; London or suburbs. "Advertiser," 39 Villa Road, Brixton, S.W.9.

ASSISTANT, unqualified, requires permanency, London; Windows, Dispensing, busy Counter; experienced; age 35. Windsor, 33 Dupont Road, West Wimbledon.

ASSISTANT, unqualified, 40, tall, first-class Dispensing experience, town and seaside, good Salesman, Window-dresser, capable of taking charge, reliable references, desires permanency, but would take Christmas engagement. "Statim," 12 Benn Street, Rugby.

ASSISTANT; permanency or Locum; unqualified; experienced all branches; keen Salesman; active; accustomed management. Gall, 53 Cambridge Street, Norwich.

ASSISTANT, married, 32, desires post London; well recommended; Salesman; intelligent; interview; S.O.S. Dispenser. Hill, 214 Foxhall Road, Ipswich.

AT LIBERTY.—Unqualified; male; 22; six years' high-class Pharmacy; good Dispenser, Hospital experience, Prescribing, Counter; reliable; excellent references; Midlands or South. 9 Barbara Road, Leicester.

AVAILABLE now as Locum or Manager; 20 years' varied and West-End experience; reliable. "Pharmacist," 18 Stanway Gardens, Edgware.

BOURNEMOUTH (or Near).—Qualified lady Dispenser-Secretary requires post whole or part-time; young; energetic; excellent testimonials; able drive car; disengaged immediately; last post 6 years. Reply O'Bryen, 6 Beech Avenue, West Southbourne.

BRANCH Manager or Senior; 9 years' good-class Dispensing and Window-dressing; wage £5 weekly; one month. 310/36, Office of this Paper.

BRIGHTON OR DISTRICT.—Lady Dispenser (Hall); good all-round experience; excellent references; moderate salary. 8 Prestonville Road, Brighton.

CAPABLE Dispenser, unqualified, desires post with quick Dispensing business; tall and hard worker; London experience. 311/10, Office of this Paper.

CAPABLE qualified man, age 30; trustworthy; experienced in every way, including management in London and provinces. H. Smith, 72 Jeffreys Road, Clapham, S.W.4.

CAPABLE lady Assistant (Hall); 7 years' first-class Dispensing and all-round experience; pharmacy trained; highest references; disengaged. "D.," 20 Denbigh Road, W.11.

CHEMIST'S daughter (20) unqualified, desires evening situation; six years' experience Counter trade. 144 Jamaica Road, Bermondsey, S.E.16.

CHEMIST; 23; 7 years' experience, including West-End; salary £3 15s.; London. Cruse, 90 St. Paul's Avenue, Kenton, Middlesex.

CHEMIST, North countryman (now near London), wishes to get in touch with Chemist (or firm) in North or Midlands; 12 years' good all-round experience (10 years in North) in management of businesses (small and large); keen business man, good Buyer, and well recommended as a business builder, first-class Manager, Window-dresser, etc.; interview could be arranged. Apply 313/31, Office of this Paper.

DISENGAGED; qualified; thoroughly experienced Pharmacist; accurate and rapid Dispenser; locum (any distance), permanency or part time; London district entertained; rational salary. "Statim," 28 Torrington Gardens, N.11.

DISPENSER or Assistant; disengaged; 24; qualified; 8 years' experience West-End and City; conscientious, quick and capable; temporary or permanent. Hall, 67 Myddelton Square, E.C.1.

ELDERLY; qualified; disengaged; whole, part-time or Locum; experienced N.H.I. (File address), "H.," 44 Lavender Sweep, S.W.11.

EXCEPTIONAL Dispensing experience, Counter and Window-dressing; referred Pharm. Chem; tall; 22; disengaged. Dennis, 113 Adnitt Road, Northampton.

FOUR Guineas weekly; free until December 1; qualified gentleman, 36; educated; experienced; efficient; London or provinces. 313/20, Office of this Paper.

F.S.M.C., F.B.O.A. (reg. J.C.Q.O.), experienced in Pharmacy and Optics; disengaged; well trained; good references. 312/31, Office of this Paper.

LADY Assistant requires temporary or permanent position; five years' town and seaside experience; no Dispensing. 313/4, Office of this Paper.

LADY (Hall), thoroughly experienced, Dispensing, Counter, Book-keeping, Photography, approved Window-dresser, requires post with Chemist. 313/17, Office of this Paper.

LADY M.P.S. (29), Scot, tall, competent; 7 years' London and Provincial qualified experience; Manager or Assistant; free. 313/40, Office of this Paper.

LIGHT full or part-time post; suitable for elderly qualified Chemist; excellent references. Hodson, 107b Sutherland Avenue, W.9.

LOCUM or permanency; qualified; 6 ft.; good-class city and seaside experience. Geldard, 14 Home View Terrace, Bradford.

LOCUM, qualified, young, capable, experienced, requires work between now and January. 313/140, Office of this Paper.

MANAGER, M.P.S.; married; disengaged about November 26; experience town and country, including Photography and Radio; good references. W. E. Durant, The Pharmacy, High Street, Overton, Salop.

MIDDLE-AGED; Superintendent, Locum or Manager; qualified; energetic; disengaged; salary nominal; highest references. "Pharmacist," 130 Blythe Road, Hammersmith, W.14.

M.P.S., 23, "Square" trained, desires Locum or permanency, London or provinces; exceptional references. "Chemist," 17 Westbury Avenue, Wembley.

M.P.S. REQUIRES permanent responsible management of Pharmacy; keen, capable business man; thoroughly experienced all departments; conscientious worker; married; abstainer; at liberty now. "Luminal," c/o Duke, Newtown, Pangbourne.

M.P.S., 25; free November 12; permanency preferred; London or Provinces; experienced. "T. B.," 71 Coldershaw Road, W.13.

M.P.S., J.C.Q.O., 32, seeks responsible post, 50 miles Bournemouth; 10 years management, Buyer, Windows, Photographic and Ciné; tall, with personality and tact; highest references; country and town experience; permanency preferred; Locums taken. "Chemist," 87 Norton Road, Winton, Bournemouth.

M.P.S., ELDERLY, active, as Superintendent, Manager, Assistant or Locum; experienced Dispenser, London or near; disengaged. P.C.B., 53/15, Office of this Paper.

M.P.S. (22½), "Square trained, 6 years' experience; excellent references, disengaged, required permanency. Mounsey, 7 Grove Street, Morecambe, Lancs.

M.P.S., J.C.Q.O., 31, tall, requires post as Manager; long experience London and suburbs; good references. "H.," 7 Chessington Road, West Ewell, Surrey.

M.P.S., 31, 5 ft. 11 in., 12½ years' experience, 8½ London area, requires post as Manager; excellent references. "B.," 215 Bromley Road, Catford, S.E.6.

M.P.S. (27), with recent references, will accept £3 10s. per week. "Chemist," 127 City Road, Bristol, 2.

M.P.S. (42), energetic, desires post with view to partnership or succession; West of England preferred 311/17, Office of this Paper.

PART-TIME.—Young qualified man requires part-time situation in West London or suburbs. S. G. Knapp, 15 Ealing Park Gardens, Ealing, W.5.

MR. E. J. HUGHES, Chemist, Melksham, Wilts, highly recommends his qualified Assistant, Mr. J. J. Tyrrell, for any post requiring Square-trained first-class Dispenser; exceptional ability and irreproachable character; further experience desired if possible in London or near.

PART-TIME, Locum or temporary; qualified; West-End; some Hospital experience. P.C.B. 53/24, Office of this Paper.

PART-TIME, chiefly Dispensing preferred, but much other experience; moderate terms. Hall, 32 North Street, S.W.4.

PART TIME.—Qualified male (27); Medical; most afternoons and evenings, Saturday, Sunday, all day; London only. 312/35, Office of this Paper.

QUALIFIED; age 25; Dispensing, Photographic, Window-dressing, etc. Linnington, 96 Bensham Manor Road, Thornton Heath, Surrey.

QUALIFIED man, aged 22, requires permanent post as Dispenser or Assistant; first-class experience; smart appearance and well educated. Mitchell, 122 Harcourt Road, Sheffield.

QUALIFIED, 25, desires permanency or part-time; London preferred; Counter, Dispensing; highest references. "Chemist," 4 Gladstone Parade, Cricklewood, N.W.2.

QUALIFIED, experienced, energetic, 45, tall, good address; Dispensing, Photographic, Prescribing, Counterman, Display, Salesmanship; references satisfactory; disengaged. McRae, Ashdene, Station Road, Rossington, Doncaster.

QUALIFIED four years, young and keen, desires change; preferably with good private man; good Window-dresser and Salesman; highest references; New Year will do. Apply 310/8, Office of this Paper.

QUALIFIED lady desires Locum or permanency in or near London; good all-round experience. "Pharmacist," 30 Fernleigh Road, N.21.

QUALIFIED wants post; small Wholesale or Retail; would invest £50-£100. 309/25, Office of this Paper.

QUALIFIED; 28; four years' managing quick Cash business; capable all branches; permanency required. "Chemist," 53 Highbury New Park, N.5.

QUALIFIED lady requires position; Retail, Dispensing or Doctor; London district. M. Buckingham, 40 Halesworth Road, S.E.13.

QUALIFIED; 23; first-class experience; well trained; disengaged; in or out of doors; distance no object. Apply Spiller, 9 Newton Road, Bitterne Park, Southampton.

QUALIFIED; 23; tall; capable Dispenser, Counter, Windows, etc.; any progressive post; free. Bougourd, 24 Arthur Street, Pembroke Dock.

QUALIFIED; 34; Manager or Senior; all-round experience and well recommended; disengaged. M. Gregory, 50 Grove Lane, Camberwell, S.E.5. 'Phone: Rodney 2719.

QUALIFIED; free, three to six hours daily; regular engagement or relief; London; provincial engagement considered. 312/32, Office of this Paper.

QUALIFIED, 23, requires permanency as Manager; high-class experience in Dispensing, Perfumery, Photography, Window-dressing; best references. "Pharmacist," 10 Bath Street, Southport.

SCOTSMAN; unqualified; tall; twenty years' experience; abstainer; permanency preferred or part time; highest references; now disengaged. Alexander, 189 Southampton Street, S.E.5.

SPECIAL capabilities in Northern mixed business, Agricultural, Industrial, Dispensing; middle age; good address; £4. "Pharmacist," 1 Borrage Green Lane, Ripon.

UNQUALIFIED; educated; 25; height 5 ft. 10 in.; first-class London and seaside experience; free shortly. Maule, 100 High Street, Southwold.

UNQUALIFIED, experienced Dispenser; good Salesman; capable taking charge; excellent references; middle-aged. Harding, 2 Nelson Road, Aston, Birmingham.

UNQUALIFIED man requires post; Counter and Dispensing experience; 4½ years Manager recent berth. Craig, 35 Gravits Lane, Bognor Regis.

UNQUALIFIED (Senior); Scot; all-round experience; good Dispenser and Salesman; town or country; disengaged. "T.," 20 Queen's Road, S.W.8.

YOUNG lady (Hall) requires post with Doctor or Chemist in Colchester, Clacton or Ipswich district; 4½ years' Dispensing experience with Doctor; very anxious to get nearer home; feel confident would soon learn Counterwork if necessary. P.C.B. 53/14, Office of this Paper.

YOUNG Lady, disengaged, 12 years' all-round experience, requires post; good references. "B.," 39 Bendemeer Road, Putney, S.W.15.

£2 5s. WEEKLY.—Smart, capable Assistant seeks responsible position; young; unqualified; 4½ years' varied experience; expert Dispenser; "Kodak" trained; Part I; tall; go anywhere; trial would convince; interview welcomed. Hargreaves, 395 Blackburn Road, West End, Oswaldtwistle, Lancs.

£3 10s. PER WEEK.—Qualified, Scot; 24; experience in all class business, North and in London; disengaged. 311/21, Office of this Paper.

WHOLESALE.

ADVERTISER, at present Sales Manager of one of the largest firms of distributors, wishes reappointment in same capacity; knowledge and experience of Retail and Wholesale trade from A to Z, both English and Export; genuine business builder, which past credentials will prove; accustomed to big business, at present £25,000 per annum. The advertiser would only consider proposition from reputable firms, where scope for his energies are suitable rewarded; present contract expires February 1, 1933. Write in first instance to Box 946, Sells, Ltd., 168 Fleet Street, E.C.4.

ADVERTISER, 60, seeks re-engagement; 45 years' Ware-experience; last berth, 30 years charge Export Packing and Dispatch; out owing to depression and reorganisation; would represent; active and smart appearance. "T. G. M.," 6 Fairholme Avenue, Gidea Park.

ENERGETIC Young Man, with 12 years' Retail experience, seeks post as Representative with Manufacturing or Wholesale Chemist; car; highly recommended. 312/38, Office of this Paper.

M.P.S. DESIRES position as Representative; at present managing; own car; must have prospects. 310/24, Office of this Paper.

NORTHERN COUNTIES Representation.—Well-known Representative, own car, excellent references and proved Sales record, desires to represent a first-class House in either Pharmaceutical, Photographic or Optical. "Plus," 313/3, Office of this Paper.

QUALIFIED, 28, single, good references, desires post with Manufacturing House, Factory or Laboratory; six years' Pharmaceutical and Analytical experience, Retail and Wholesale; home and abroad. 311/22, Office of this Paper.

REPRESENTATIVE, 13 years' valuable connection in London and Home Counties (8 years with leading Perfumers), desires to represent house of repute; Perfumery, Toilets or Proprietaries. 306/25, Office of this Paper.

REPRESENTATIVE (shortly disengaged), valuable Chemists' connection in London and Western Counties, to good house; permanent engagement desired; salesmanship and propaganda on neglected ground a speciality; good appearance and address; own car; salary and expenses basis; locate anywhere. "Recto," 309/26, Office of this Paper.

REPRESENTATIVE, good address, experienced, sound knowledge Drugs, Sundries, desires represent good-class firm in Scotland, preferably East Coast. 311/30, Office of this Paper.

SERVICES Offered.—Sales, Management, Propaganda, etc.; live connection throughout U.K.; export (established 18 years); Stores, Wholesalers, Multiple Firms, Chemists, Hairdressers, etc.; unique testimony and references. "Enthusiastic," (Pioneer Expert), 313/28, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN.

M.P.S., tall, age 23, of good character and personality, desires position anywhere abroad. Particulars and references from 312/8, Office of this Paper.

JOINT COUNCIL OF QUALIFIED OPTICIANS

WARNING NOTICE

On July 12th, 1932, in the case of the Joint Council of Qualified Opticians v. Toye and others, Mr. Justice Clauson granted an injunction perpetually restraining the defendants from using any such title as "The Joint Council of the Association of Qualified Opticians" or "Association of Qualified Opticians."

The Joint Council of Qualified Opticians desire it to be known that they will take immediate action against any person whose name does not appear in the Register of Qualified Opticians kept by the Joint Council or in the Appendix to that Register, who in any way uses a style or title calculated to lead the public to believe that there is any connection between him and the Joint Council of Qualified Opticians.

FOR SALE.

(Articles to the value of £5-£50.)

OPTICAL EQUIPMENT FOR SALE.—Trial Case, cost £25; Ophthalmoscope ("May" Luminous); Orthops Direct Sight-testing Chart; Kirbro F.F. Rule; Retinoscope; Practice Eye (Chambers Inskeep); Assorted Books, including Laurances' (Part I), Thorington's, Emsley and Swaine's, etc.; all perfectly new; never been used. What offers? "M.P.S.," 92 Tangier Road, Portsmouth.

TWO small National Cash Registers for sale; both in good condition; add and check taking; suit any business. Write to T. Wilkins, 184 Venner Road, Sydenham, S.E.26.

MISCELLANEOUS.

D. & P. WORK FOR CAMPS.

WOULD any Chemist executing D. & P. for Holiday Camp organisation please inform the advertiser *re* discounts given, etc. Isle of Wight colleagues please help. 212/581, Office of this Paper.

A BARGAIN LIST of Second-hand Showcases and Fittings. Mahogany Dispensing Screen with bent Sponge Case, £15; 6 ft. bent plate-glass Counter Case with display shelves, £3 10s.; many useful Showcases and Counters, all removed from jobs in progress. Write requirements or call PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, E.C.1. "Pharmacy Fitters for Over a Century."

ATTRACTIVE BARGAINS in reconditioned Second-hand Chemist Fittings, various sizes and styles, sold singly or in sets. Visit our Showrooms or write your particulars. RUDDUCK & CO., 219/227 Old Street, London, E.C.1.

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